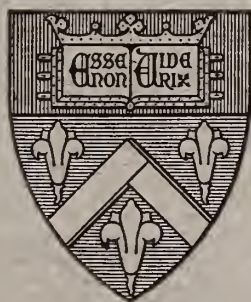




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Saint Joseph's College for Women



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CALENDAR *for* 1935-1936

1935

- September 9-14 — Registration week.
9-12 — Condition examinations.
16-17 — Entrance examinations.
20 — Friday, 9 A.M.—Mass.
23 — Monday, 9 A.M.—Classes.
- October 2 — Wednesday—Founders' Day (holiday).
- November 1 — Friday—All Saints' Day (holiday).
5 — Tuesday—Election Day (holiday).
28, 29, 30 — Thanksgiving recess.
- December 2 — Classes resumed.
23 — Monday, 6 P.M.—Christmas recess.

1936

- January 2 — Thursday—Classes resumed.
18-25 — Saturday—Saturday—Mid-Year examinations.
27, 28, 29 — Retreat.
27, 28, 29 — Entrance examinations.
- February 3 — Second Semester.
8, 15 — Saturday—Condition examinations.
12 — Wednesday—Lincoln's Birthday (holiday).
22 — Saturday (holiday).
- March 19 — Thursday—St. Joseph's Day (holiday).
- April 8 — Wednesday, 6 P.M.—Easter recess.
20 — Monday, 9 A.M.—Classes resumed.
- May 21 — Thursday—Ascension Day (holiday).
23-29 — Saturday—Friday—Final examinations.
31 — Sunday—Baccalaureate Sermon.
- June 3 — Commencement.

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(Continued)

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Sociology

MARY HUSCHLE, J.D.
Government, International Law

CECILIA TRUNZ, Ph.D.
German

MARGUERITE MICHAUD, M.A.
French

MARIE OLIVA, M.A.
Spanish

TERESA TUSA, B.A.
Secondary English (Methods)

MARY STACK, M.A.
English

MARGARET BYRNE, M.A.
Mathematics

MARY HURLEY, M.A.
History

FACULTY

(Continued)

EDWARD B. VAN ORMER, Ph.D.
Psychology

MARY G. CLOSE, B.S.
Physical Education

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English

HARRY J. CARMAN, Ph.D.
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Chemistry

FACULTY

(Continued)

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MARGARET M. GARDINER, B.S.
Psychology

THOMAS S. CUSACK, M.D.
Dynamic Psychiatry

MARY SHARPE, M.A.
Speech Education

MARY V. O'BRIEN, M.A.
Speech Education

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Secondary Education

FACULTY*(Continued)*

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Art

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SAINT JOSEPH'S COLLEGE *for* WOMEN

GENERAL STATEMENT

SAINT JOSEPH'S COLLEGE FOR WOMEN is the product of a very real necessity. Though the metropolitan area abounds in Catholic colleges for women, the counties of Long Island offer no such facility, and a collegiate training was therefore denied to every girl whose strictures of purse or person rendered attendance at a "day" college her sole possibility.

Inspired by that need, Bishop McDonnell inaugurated the movement that resulted in the granting of a provisional charter by the University of the State of New York on February 24, 1916. Though interest in the new institution was not startling in its proportions, it was progressive and warranted the application for a permanent charter, which was granted on February 22, 1929.

The courses offered in St. Joseph's are those in the Arts and Sciences, and the College is empowered to grant the B.A. and B.S. degrees. The objective is a liberal training, in the best acceptance of that word. It considers the academic approach to be preferable to the professional or vocational, thus retaining the best traditions of the past.

The advantages in pedagogy have also been incorporated into the general plan by the allowance of a reasonable election under a rational direction. Nor is the collegiate course considered an estranged unit. The articulation with the secondary training is absolutely concatenated at the expense of the rejection of what might be, with another curriculum, a very desirable clientele. The Faculty further considers it a sacred responsibility to prepare the graduate for a life of action as well as for a future professional career. In the furtherance of this program it holds the Alumnæ an integral part of its trust.

The most apparent but not the primary end of education is the intellectual equipment of the student. Pursuant to this concept, the standard of entrance has been consistently improved and the requirements for continuation as a student have been proportionately elevated.

Fundamentally the method of education has been attuned to the development of a Catholic, American womanhood. Religion, spirituality and morals are taught scientifically in academic courses and practically by attitude and by exercise. This is exemplified in the operation of the Committee on Religion (a student group with Faculty counsel), and the activities in the interest of social service.

The equipment is modern, complete and entirely adapted to the curriculum. It includes, besides a chapel, classrooms, laboratories, a library, two auditoriums, rest-rooms, faculty sanctums and a gymnasium.

The College is accredited under the Association of Colleges and Secondary Schools of the Middle States and Maryland, the University of the State of New York, the Catholic Education Association and the Department of Education of the State of New York. It is a member of the American Council on Education, and the Association of Colleges of the State of New York.

The governing power of the Corporation is vested in the Board of Trustees. The College is administered by the Sisters of Saint Joseph and a faculty of clerics, but the student body has been granted autonomy by a charter given the Undergraduate Association in 1925.

The College regards this as one of its distinctive contributions to education. The entire system has been fashioned to prepare the graduate for the democracy in which she will live. Subject to comparatively few limitations, the girl is allowed to legislate for herself and is expected to execute the rules she makes. The right and responsibility are alike hers.

ENTRANCE REQUIREMENTS

PRESCRIBED

English, 4 years	3 units
Elementary Algebra	1 "
Plane Geometry	1 "

ALTERNATIVE

Foreign Language, 3 years	3 "
Foreign Language, 2 years	2 "
Elementary Science	1 "
History	1 "

ELECTIVE

Subjects not offered as part of the above	3 "
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Total	15 units
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Average required, 75%

Elective subjects chosen may be:

An additional year of Foreign Language	1 unit
An additional year of History	1 "
An additional year of Science	1 "
Comprehensive Art	1 "
Advanced Algebra	$\frac{1}{2}$ "
Intermediate Algebra (Required of students electing Mathematics as a major)	$\frac{1}{2}$ "
Solid Geometry	$\frac{1}{2}$ "
Plane Trigonometry	$\frac{1}{2}$ "
Civics	$\frac{1}{2}$ "
Economics	$\frac{1}{2}$ "
Music	1 "

Foreign languages accepted are: Latin, Greek, French, German, Spanish and Italian.

ENTRANCE REQUIREMENTS

Prescribed

I.

English (4 yrs)	4 units
Elementary Algebra	1 "
Plane Geometry	1 "
Foreign Language (4 or 2 and 2)	4 "
Elementary Science	1 "
History	1 "

Elective

Subjects, chosen from group following 4 "

Total	<u>16 units</u>
Additional year of language	1 unit
" " " science	1 "
" " " history	1 "
Comprehensive Art	1 "
Advanced Algebra	1/2 "
Intermediate Algebra	1/2 "
Solid Geometry	1/2 "
Plane Trigonometry	1/2 "
Civics	1/2 "
Economics	1/2 "
Music	1 "

Or any other subject at the discretion of the Committee on Admissions

Average required 75%

Students presenting four years of language at entrance are subject to two year language requirement for the degree.

II.

Applicants who have not attained a 75% Regents average but can be recommended by their high school as having a 75% scholastic average in units of work stated above and a ranking in the first third of their class will be accepted. A record of work done by these entrants will be recorded over a period of five years. At the end of that time, this practice will be discontinued in the case of any school whose candidates fail to meet their recommendation.

A student may be admitted under either of the following plans:

A. By presentation of the ^{Sixteen} ~~fifteen~~ Regents' units as listed above.

B. By passing entrance examinations as follows:

1. Students who have an Academic Diploma, but lack one or more of the required units, may take examinations in those subjects provided they have had the prescribed number of hours.

2. Students graduated from a school maintaining a four-year Academic course recognized by the Regents of the University of the State of New York or by the Committee on Admissions.

English, Four Years (4).

Foreign Language, Three Years (3).

Geometry, One Year (1).

Science, One Year (1) } Second Foreign Language
History, One Year (1) } *or* Two Years.

C. By graduation from a school maintaining a four-year Academic course recognized by the Regents of the University of the State of New York or by the Committee on Admissions, provided the applicant presents the following:

1. ^{Sixteen} ~~fifteen~~ Academic units as specified above, without conditions.

2. Rating of 75%.

3. Ranking in the upper third of her class.

N.B.: No one is eligible to admission under Plan C who is a graduate of a school which provides an opportunity to take the Regents' Examinations.

Whether a student be admitted under Plan A, Plan B or Plan C, the average requirement is 75%.

An interview with the Registrar during the month of June is advisable.

MATRICULATION

Application blanks may be had at any time. For the Fall Semester, the blanks should be filed with the Registrar during the last week of June. For the Spring Semester, the blanks must be filed during the last week of January. A Regents' pass-card show-

ing all credits received up to date will facilitate the process. This may be had, upon personal application of the student, from Mr. Avery W. Skinner, Director, Examinations Division, University of the State of New York, Albany, N. Y.

The College will not accept anyone for matriculation who has been dismissed from any other institution because of academic deficiency and it reserves the right, through its Committee on Admissions, to reject anyone who in the opinion of that Committee will not be able to maintain a passing grade.

REGISTRATION

Students should register at the office of the Registrar on the days indicated in the academic calendar. The payment of the fee for registration forms part of the registration.

SUMMARY OF FEES

	Semester
Tuition	\$100.00
Laboratory	10.00
Gymnasium	2.50
Library Fee	2.50
"Loria"	1.00
	Year
Registration Fee	5.00
Stationery	1.00
Locker Fee	1.00
Graduation Fee	25.00
<i>Medical Fee on entrance</i>	<i>5.00</i>

Tuition fees are payable in advance. Students who have not fulfilled this obligation, before the mid-term examinations, shall be asked to withdraw from the College.

EXAMINATIONS

A preliminary examination is held at least once during the term, and a final examination at the completion of the work of each semester.

Absence from final examinations may be supplied by the "Condition Examination" provided the Attendance Committee is satisfied that such absence was unavoidable.

Absence from a preliminary may be supplied by an examination taken within a week after the student's return, with the permission of the Students' Attendance Committee. No higher rating than C will be allowed in this examination.

The students take examinations under the Honor System which is under the control of the students and entire responsibility is vested in the Court of Honor.

A student who enrolls in the Honor System pledges her word to her associates to be honorable and to abide by all decisions of the Court. The Court is held to the strictest secrecy and never reveals its deliberations or decisions unless its penalties are reversed by the Committee on Appeals.

The following excerpts from the Constitution of the System will reveal its spirit and its *modus operandi*:

We, the students of Saint Joseph's College for Women, in the City of New York, ambitioning a mightier womanhood, conscious of the difficulty of its attainment, but imbued with the high courage begotten of its ideals, and convinced that only honor is honorable, do ratify and affirm this constitution of our "Court of Honor."

Be it therefore resolved:

1. That we will not give, seek nor receive assistance during examinations from other students or from any written or printed matter except that authorized.
2. That we will not aid in connivance at the fraudulent presence of any student.
3. That we will report all violations of the Honor System.
4. That we agree to be bound by all decisions and regulations of the "Court of Honor."
5. That we pledge our loyal support to the said Court.

PROCEDURE OF THE COMMITTEE

Section 1. The Committee is hereby invested with full charge of all cases involving violations of the Honor System.

Section 2. In the case of reported violations, the Committee shall summon the accused person or persons and their accusers among the student body, and shall conduct a secret investigation of the case.

Section 3. Each Committee member and each witness shall be considered under promise of secrecy when she has subscribed her name to this constitution. If a Committee member shall breach the pledge the punishment shall be expulsion from the Committee. Breach of promise by a witness or accuser shall become immediately a matter of Committee action.

Section 4. In case of conviction the Committee reserves to itself full power to impose whatever penalties seem justifiable. A two-thirds vote of the Committee shall be necessary for conviction.

RIGHTS AND DUTIES OF STUDENTS

Section 1. The instructor shall be present at examinations for length of time necessary for answering questions which may arise.

Section 2. Members of the student body must give evidence of an infringement of the Honor System to any member of the Committee or the Committee as a whole during a meeting.

Section 3. Evidence may be given by an instructor to the chairman of the Committee. This evidence must be in writing.

Section 4. In cases of reported violations, the Committee shall summon the accused person or persons and their accusers among the student body and shall conduct a secret investigation of the case.

Section 5. Accused persons shall be allowed witnesses in their defense.

Section 6. Students must maintain silence during examinations.

IMPEACHMENTS

Any member of the Committee may be impeached by a two-thirds vote of the Committee, ratified by a two-thirds vote of the student body.

GRADES, CREDITS AND REPORTS

The achievement of the student will be indicated in the following grades: A, excellent; B, good; C, fair; D, conditioned; F, failed.

The grade D is not a passing mark. It may be raised to C by a condition examination taken on the date indicated in the academic calendar. Neglect to remove a D at the appointed time causes the student to receive F.

If a student receives grade F in a prescribed course she must repeat the course.

GENERAL HONORS

1. Only courses taken in St. Joseph's College will be accepted for any honors.
2. B+ average will be considered the minimum, and not more than 5% of the class may receive general honors.
3. The following non-academic points are to be considered and rated: (1) Attitude towards the College in the future, (2) Leadership, (3) Representative Speech, (4) Service to the College and to fellow students (5) Scholarly interest, (6) Personality, (7) Poise, (8) Socialization, (9) Responsibility, (10) Courage.

4. Academic ratings will be considered as 60% and non-academic as 40% of the total rating.
5. Faculty and students of the Senior class will vote on the non-academic rating of candidates for honors, 60% of the total resulting from the faculty vote, 40% from the student vote.
6. The College will abolish the present requirements for "*Cum laude*" and substitute the new system for general honors. The B+ average may be the combined average of academic and non-academic points, since a higher academic average may raise a lower non-academic average.
7. For "*Magna cum laude*," A average will be required in academic points and B+ in non-academic.
8. For "*Summa cum laude*," A average will be required both in academic and non-academic points.

DEPARTMENT HONORS

1. B+ average will be considered the minimum in the major subject and B in general academic average.
2. Not more than 10% of any department may receive honors, but in case there are less than ten in a department, one student for honors will be permitted.
3. The students will have no vote in deciding departmental honors.
4. The following non-academic points are to be considered: (1) Interest in the field, (2) Service, (3) Promoting the interest of the College in the special field. Each department will decide what per cent. is to be given to these non-academic points. The Committee on Honors will consider the speech of the candidates.

HONOR SOCIETY

- (1) Membership in the Honor Society is to be based on the same requirements as those for general honors.
- (2) A student receiving the B+ average at the close of the Sophomore year will be elected to the Honor Society, at which time she may purchase the pin of the society if she so desires. If she maintains the required standard through the Senior year she becomes a permanent member of the society and receives the key of the society which will be conferred by the College.

ABSENCES

A student may be absent without penalty in a session as follows: From a course meeting once weekly, once; from a course meeting twice weekly, two and one-half times; from a course meeting three times weekly, four times; from a course meeting four times weekly, five and one-half times. One point will be taken from the aggregate credits of a student whose absence is equivalent to one-tenth of the class hours. A student whose absence exceeds one-fifth of the class hours will receive F in the course. Tardiness is rated as half an absence.

In case the limit is exceeded, a student may at the end of the course appeal to the Students' Attendance Committee, submitting a statement showing the cause of each absence. On the recommendation of the Students' Committee, the Attendance Committee of the Faculty will consider the petition, and full or partial credit may be assigned, due regard being had for the reasons of the absences and the standing attained.

Nothing herein is to be interpreted as *permitting* absence.

STUDENTS' ATTENDANCE COMMITTEE

The Students' Attendance Committee is composed of eight members. In Freshman Year two girls are elected to serve for four years. This Committee recommends to the Faculty Attendance Committee to grant or to deny appeals made to them for overcutting, permanent late excuses, and absence from examinations. A student who exceeds the limit of cuts allowed in any course may appeal to this Committee. In the event that a student is able to account to the satisfaction of the Committee for every cut taken in a course in which she is overcut, she will not be penalized. Students who do not have legitimate excuses for their cuts in courses in which they are overcut will be penalized to the extent of losing one point for every course in which they exceeded the limit. Students who are more than fifteen minutes late will be marked absent. Professors file a record of the attendance in the courses with the Registrar at the end of each day. A permanent tally is kept in the office. These records are not open to the students. Permanent late excuses are granted by this Committee to anyone living a considerable distance from the College. Students who have been granted an excuse are not marked late if they

arrive at their nine o'clock class before 9.15. Permanent late excuses are effective in nine o'clock classes only. At the beginning of every semester the Attendance Committee holds a meeting for the exclusive purpose of deciding on permanent late excuse cases. Applicants should bring a time-table to the meeting with them.

If a student is absent from a preliminary examination she must pay a fee of five dollars for the privilege of taking another one. This examination must be taken within one week of the student's return to school. The time and place must be arranged by the student with the Registrar. Appeal for a refund may be made to the Attendance Committee by any student who has a legitimate reason for being absent from a preliminary examination. If a student for some justifiable reason misses a final examination she may appeal to the Attendance Committee for permission to take the Condition examination in that course as her final. In such a case a student is not entitled to a condition examination if she does not receive a passing grade in her course.

A meeting is held at the end of each term to hear cases of "overcutting." All appeals must be written. Every cut taken in the course in which a student is overcut must be accounted for. The Students' Attendance Committee has complete jurisdiction in the matter of the missing of mid-term examinations. In all other cases the Secretary writes a report of the proceedings and turns it over to the Faculty Committee on Attendance, which votes on the cases.

GENERAL REGULATIONS

1. Before a student will be recommended for graduation she must have satisfied the Faculty as to her moral character and her accomplishment in scholarship. She must also have completed 128 points. (The term "point" signifies the satisfactory completion of work requiring attendance at a one hour weekly session of lecture or recitation.)

2. Of the 128 points required, 8 points must be for Religion; 5 points for Philosophy; 12 points for English; 4 points for Ethics; 6 points for Latin; 6 points for Modern Language; 6 points for Mathematics; 8 points for Science; 6 points for History; 3 points for Logic; 3 points for Social Science; 1 point for Physical Education.

3. A major subject of 24 points must be taken in one department and a minor of 18 points in a subject allied to the major. The required 8 points in Science and English may not be included in the points offered for a Science Major or an English Major. Major and minor subjects may be chosen only with the written consent of the Head of Department in each case. The decision should be made at the end of the first semester of the Sophomore year. A student desiring to change her major or minor must obtain, on a blank furnished by the Registrar, signatures of all Heads of Departments affected and of the Dean.

4. Classification of Students: Sophomore, 34 points; Junior, 68 points; Senior, 100 points.

5. A student desiring to drop a course in which she is registered may do so with the approval of the Dean and the permission of the professor during the first month.

Thereafter a course may be dropped only with the permission of the Dean who must be satisfied that illness has caused the student to seek the cancellation. Otherwise the student will receive F. Students permitted to drop a course must report to the professor.

6. Students may take summer courses, but they are not encouraged to do so. The Committee on Studies has restricted the courses which may be taken and has limited the number. No student will receive credit for a course taken in the summertime unless she has received the permission of this Faculty Committee. All students desiring permission must file the blanks which are provided for the purpose within the time appointed. The Faculty has ruled that the total number of points that may be earned in Summer School shall not exceed twelve. No more than six may be taken in one summer.

7. Extra hours may be granted to students whose general average for the preceding semester warrants it. No more than three extra hours will be granted any student. It is a privilege and not an obligation to take extra hours. Extra hours may not be taken without the consent of the Committee on Studies. The blanks furnished for the purpose of appeal for hours must be filled out at the time appointed.

MAJORS AND MINORS

The plan which has been followed at Saint Joseph's is an attempt at counselled choice. The Freshman year offers very little election except in the physical sciences and modern languages to

be studied. Here as elsewhere it is presumed that the pupil is pointing her course towards her goal.

The Sophomore year provides the opportunity to begin elective courses, but it also requires that a Major and Minor be chosen. It is understood that they will be related to each other and to the end which the scholar has in view.

It is urged that choice should not be made until there has been consultation with the proper officials. It is also to be emphasized that a change of Major or of Minor is most undesirable from a pedagogical and from a practical angle. Prospective students are requested to study departmental requirements and equipment. The College will gladly advise as to its facilities for preparing them for any specific avocation.

STUDENT ADVISEMENT

There is a Faculty advisor for each class whose function is to assist the student in problems academic and extra-curricular. The Heads of Department meet the members of their department at stated times, and also conduct seminars which must be attended by Majors.

The Alumnæ Advisory Board is a group of graduates who have volunteered their aid for the benefit of undergraduates. They meet all who are seeking advice or assistance in the choice of a career twice each month formally in the Alumnæ room, and informally very frequently.

Although no attempt is made to force any of this service upon the girl, it is hoped that she will avail herself of it.

RELIGIOUS LIFE

The religious life of the Saint Joseph's girl is unique. Encouraged on every side, she is not coerced to the practice of her faith. The Faculty believes that religion should be a student activity and offers every facility.

The Committee on Religion is in control of all religious exercises. Prayers are said each morning on the gymnasium balcony, each noon in Chapel and every hour on the corridors. Students lead all religious devotions.

This Committee is one of the most active and most admired organizations in the institution.

It has sponsored the Trust Fund for the relief of needy stu-

dents; the Employment Committee to assist students who must earn their tuition, and the Father's Club. It has provided Mass during Lent and on all days of particular import and the "Evenings with Christ."

EXTRA-CURRICULAR ACTIVITIES

Saint Joseph's endeavors to prepare its graduates to live. For this reason and as a part of its endeavor to properly socialize its personnel, it requires every girl to pursue at least one extra-curricular activity.

To prevent over-emphasis of the extra-curricular to the detriment of curricular activity, no girl is permitted to carry more than a certain maximum of so-called points (extra-curricular.) It will be noted that those points have no academic significance whatever.

Any student who for sufficient reason, finds it impossible to participate in an activity, may appeal to the Committee for exemption from her obligation. A similar privilege of appeal is extended to those who have exceeded the maximum number of points.

In each society the members are permitted three absences. This number may not be exceeded if membership is claimed. Too frequent absence or non-participation in activities is penalized by the Committee. The penalty results in a loss of classification for those who have failed to enter a society, and in revocation of the privilege of applying for extra hours and exclusion from social activities for those who are overcut.

The Extra-Curricular Activities Committee has been empowered by the Faculty to decide what activities are closed to unclassified students.

Although the College offers the usual outlets of Athletics, Musical Club, Dramatics, Social Service and the ramifications of each, and in spite of the fact that every student must participate, no one is allowed to represent the College in any field who has failed to maintain her class standing. This is part of the contract agreed upon by the Students and Faculty.

STUDY CLUBS

The Committee for the Advancement of Culture was formed in 1932, but Study Clubs have been in existence since 1925. Most of the departments have their own societies and some are affiliated with national organizations.

In general, membership is open to all students who are interested in the field of study and have the necessary intellectual ability. The general student body is invited to attend the lectures.

The Committee for the Advancement of Culture is college-wide in its scope. It aims to promote interest in things intellectual by instruction, activity and propaganda.

THE ALUMNÆ ASSOCIATION

The loyalty of the Alumnæ of Saint Joseph's has become proverbial. Alumnæ Day, the many activities of the organization for the benefit of the College above all, attendance at "Evenings with Christ" attest a love for Alma Mater that taxes credulity.

The College is committed to the belief that its responsibility to its graduates is never concluded. In pursuance of this policy it provides all the activities for the Alumnæ that are offered the Undergraduate. The response has been most gratifying.

The College has organized an Alumnæ Week to which it invites all graduates. It offers one week of class without credit and the success of the venture has been astonishing.

The Officers of the Alumnæ Association for year 1935-1936 are:

President, MRS. GILBERT MURPHY
Vice-President, GENEVIEVE D'ALBORA
Financial Secretary, CECILIA TRUNZ
Corresponding Secretary, MARY CRONIN
Treasurer, FRANCES DIECKERT

REQUIREMENTS FOR DEGREES

1. Bachelor of Arts

Freshman Year

Religion	2	points
English	8	"
Latin	6	"
Modern Language	6	"
Mathematics or History	6	"
Science	8	"
Physical Training	$\frac{1}{2}$	"
		36½
		"

Sophomore Year

Scripture	2	points
Religion	2	"
English	4	"
History or Mathematics	6	"
Major, Minor and Electives	19	"
Logic	3	"
Physical Training	$\frac{1}{2}$	"
		36½
		"

Junior Year

Religion	2	points
Philosophy	5	"
Social Science	3	"
Major, Minor and Electives	21	"
		31
		"

Senior Year

Ethics	4	points
Major Subjects, Electives and Major Methods	20	"
		24
		"

COURSE *of* STUDIES

ART

Art 1. Contribution to Intellectual Growth.

This course includes a study of the outstanding periods in the cultural development of man, emphasizing to what degree the arts have contributed to his intellectual growth. Special attention is given to the masterpieces of architecture, sculpture and painting that best represent the traditions of the different periods, bringing to the attention of the student their æsthetic and technical contributions in order that she will grow in critical judgment and develop good taste. Visits to museums and exhibits will be part of this course.

2 hours a week, 1 semester, 2 points.

Art 2.—Art and the Progress of Civilization.

An appreciative study of the fine arts—architecture, sculpture and painting—with emphasis on the relation of the arts to the progress of civilization. The first part of the course will include the period extending from prehistoric times to the Renaissance. The second part of the course will cover the Renaissance and modernistic movement. Visits to museums and exhibits will bring the student into actual contact with notable contributions.

2 hours a week, 1 semester, 2 points.

Classical Languages

SISTER M. CHARITINA, M.A.

SISTER REGINA CECILIA, M.A.

GREEK

The aim of these courses is to give, together with adequate knowledge of the language, an appreciation of this greatest of literatures and to acquaint the students with the thought of a people who produced poetry and art, political thinking and philosophy of the highest value; whose literature formed the basis of education for centuries and when brought to light a second time, produced a rebirth in the intellectual life of Europe.

Greek 1. Elementary.

Elements of Greek; study of forms and essential principles of syntax; reading and writing of Greek practiced from the beginning.

Open to students who have had no Greek. Prescribed for Latin majors.
3 hours a week, 1 semester, 3 points.

Greek 2. Elementary Syntax.

Detailed study of the principles of syntax; prose composition; reading of simple Greek.

Open to students who have completed Greek 1. Prescribed for Latin majors.

3 hours a week, 1 semester, 3 points.

Greek 10. Xenophon's Symposium.

Study of the style and diction of Xenophon; study of Greek life and customs as reflected in the "Symposium"; collateral readings (in English) of Plato's "Symposium."

Open to students who have completed Greek 1 and 2.

3 hours a week, 1 semester, 3 points.

Greek 11. Plato.

Apology and Crito; Athenian political and educational institutions studied as a background; outline of Greek philosophy before the time of Socrates; so-called crime of Socrates; his sentence; his death; collateral readings (in English) of Xenophon's "Memorabilia" and Aristophanes' "Clouds."

Open to students who have completed Greek 1 and 2.

3 hours a week, 1 semester, 3 points.

Greek 12. Demosthenes.

Greek oratory; study of Philipics or Olynthiac orations for content and style; historical outline of Macedonian conquests and Greek hegemonies; Greek oratory and modern newspaper compared as influences in forming public opinion.

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points.

Greek 13. Thucydides.

"Histories," Books I and IV ; court of Pericles, his guests ; Athenian customs ; woman's position ; classes of society ; current philosophical views studied as a background to the historical and political views of Thucydides ; study of his historical and literary style.

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points.

Greek 14. Greek Patristic Writings.

St. John Chrysostom's "Defense of Eutropius" and St. Basil's "On the Reading of Books" ; comparative study of oratorical vigor and literary style of St. John Chrysostom and Demosthenes ; comparative study of essay of St. Basil and Cardinal Newman's "Essay on Literature."

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points.

Greek 20. Homer.

Odyssey, Books I, IV, IX ; study of Homeric syntax and poetic forms ; lectures on the three great phases of Greek poetry—epic, lyric and dramatic ; reading (in English) of Aristotle's "Theory of Poetry."

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points.

Greek 21. Sophocles.

Antigone and Œdipus Tyrannus ; rise and development of Greek drama ; Greek theatre ; technique of Greek drama ; political and religious views of Athens as reflected in the drama of the times.

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points.

Greek 22. Euripides.

Medea and Alcestis ; reactionary philosophical, political and religious views as reflected in the works of Euripides ; comparative study of Sophocles and Euripides with reference to technique, plot and personality of writers ; col-

lateral readings (in English) of the "Electra" of each of the dramatists included in the course.

Open to students who have completed Greek 10 or its equivalent.

3 hours a week, 1 semester, 3 points.

Greek 30. Greek Literature in Translation.

Selections from the most important works will be read accompanied by lectures on the historical setting; the origin and development of the various literary genres, and their influence upon Latin and later European literature and thought.

2 hours a week, 1 semester, 2 points.

Greek 31. History of Greek Civilization.

Lectures, readings and discussions of special topics illustrating the origin and chief elements of mythology, art, literature and material progress of the ancient Greeks; their political development and national life; their systems of philosophy and principles of education; their expansion, colonies and intercourse with other peoples; their influence on modern art, literature and education.

Elective.

2 hours a week, 1 semester, 2 points.

LATIN

The courses in Latin aim to impart an accurate training in this most logical of languages. It is further desired to show the relation of Latin literature to Greek as its model and source of inspiration and to modern literatures both as model and teacher. To Catholic students this language and the civilization of which it forms a part cannot be considered as dead and must continue to be a source of interest and cultivation.

Latin 1. Elementary.

Elements of Latin; forms and essential principles of syntax; exercises in reading and writing Latin.

Open to students who have had no Latin.

3 hours a week, 1 semester, 3 points.

Latin 2. Elementary.

Elements of Latin, continued; further study of principles of syntax; simple Latin prose composition; rapid reading of easy prose.

Open to students who have completed Latin 1.

3 hours a week, 1 semester, 3 points.

Latin 3. Prose Composition.

Aims to give thorough review of syntax by written exercises employing vocabulary from Cæsar and Cicero.

Open to students who have had 2 years of secondary school Latin.

2 hours a week, 1 semester, 2 points.

Prescribed for Latin majors.

Latin 4. Grammar.

Detailed study of Latin grammar, meter and prosody; application of rules to exercises.

Open to students who have had 2 years of secondary school Latin.

2 hours a week, 1 semester, 2 points.

Prescribed for Latin majors.

Latin 5. Methods of Teaching Latin.

Teaching of Latin in secondary schools; lectures; class reports; observation; practice teaching.

Open to Seniors specializing in Latin.

2 hours a week, 1 semester, 2 points.

Latin 10. Livy.

Selections from Books I, XXI, XXII; discussion of Livy's historical methods; importance of Livy as a source of historical information; literary style; comparative study of Cæsar, Livy and Tacitus with reference to style and value as historians; comparative study of the great national epics, "Æneid" of Virgil, and the so-called "prose" epic of Livy as to founding of Rome.

Prescribed for Freshmen presenting at entrance four years of secondary school Latin.

3 hours a week, 1 semester, 3 points.

Latin 11. The Confessions of St. Augustine. Selections.

Reading of the narrative portions of the Confessions; lectures on Patristic Latin literature covering its relation to Greek Patristic literature and to contemporary non-Christian literature, Patristic Latin syntax and vocabulary, the life and times of St. Augustine, his place in the world of thought, his varied style, the problem of his conversion, the bibliography of the Confessions.

Oral and written reports by the students.

3 hours a week, 1 semester, 3 points.

Latin 12. Tacitus.

Agricola and Germania; history and "kultur" of the barbarians; comparative study of Cæsar, Livy and Tacitus as historians; influences prominent in giving color to language of Tacitus.

3 hours a week, 1 semester, 3 points.

Latin 13. Cicero.

Tusculan Disputations; philosophical and religious views of Cicero as reflected in the Disputations and other philosophical works; influence of various vicissitudes of Cicero's life on his philosophy; study of Cicero's style and diction.

3 hours a week, 1 semester, 3 points.

Latin 14. Cicero's Letters.

Translation of selected letters; life and beliefs of Cicero as reflected in his epistles; political views as gleaned from his correspondence.

Prescribed for Freshmen who present 2 or 3 years of secondary school Latin.

3 hours a week, 1 semester, 3 points.

Latin 20. Horace.

Odes and Epodes; selected odes read and interpreted; varieties of stanza and meter will receive attention; Horace's life, policies, philosophy and influence on subsequent literature will be made the subjects for occasional lectures.

Prescribed for Freshmen presenting at entrance four years of secondary school Latin.

3 hours a week, 1 semester, 3 points.

Latin 21. Roman Elegy.

Selections from Catullus, Tibullus, Propertius, Ovid; study of the influence of politics on literature as reflected in the poetry of the representatives of the late republic and early empire respectively; discussion of Alexandrine influence on Roman elegy.

3 hours a week, 1 semester, 3 points.

Latin 22. Latin Comedy.

Selected plays of Plautus and Terence; evolution of Roman drama; comparative study of the style, diction and technique of the two chief exponents of Latin comedy; meters used by Plautus and Terence; influence of Latin comedy on Shakespeare and Molière; collateral readings; development of Roman theatre.

3 hours a week, 1 semester, 3 points.

Latin 23. Horace.

Satires and Epistles; various definitions of satire; study of Horace from point of view of definitions; literary and moral influence of Horace's Satires and Epistles in his own, in mediæval and in modern times; collateral readings (in English) of the fragments of satires of Lucilius and selected satires of Juvenal.

3 hours a week, 1 semester, 3 points.

Latin 24. Vergil's Eclogues.

Translation of selected bucolics; Alexandrine influence on Vergil and his contemporaries; historical and mythological allusions; study of the dactylic hexameter.

Prescribed for Freshmen who present 2 or 3 years of secondary school Latin.

3 hours a week, 1 semester, 3 points.

Latin 30. Latin Literature in Translation.

Portions of the principal authors read, accompanied by lectures on the historical setting; the relation to Greek literature; the development of the various styles; the influence of the Latin classics on mediæval and modern literature and thought.

2 hours a week, 1 semester, 2 points.

Latin 31. Roman Civilization.

Lectures, readings and discussions of special topics illustrating the origin and chief elements of mythology, art, literature and material progress of the ancient Romans; Hellenistic influence on Roman civilization; study of Roman character as manifested in early Roman institutions and as manifested in later Roman institutions under Greek and oriental influence; evolution of Roman Republic and Empire; fundamental principles of Roman government; Roman law; Roman conquests; spread of Roman civilization; Roman philosophy and education; roads; tunnels; architecture; literature; influence of Romans on modern art, literature, education and governmental policies.

Elective.

2 hours a week, 1 semester, 2 points.

EDUCATION

DANIEL J. SHEA, M.A.

ELIZABETH W. SCANLON, Ph.D.

OBJECTIVES AND GENERAL INFORMATION

The courses in Education have a twofold purpose: to provide an adequate preparation for the student intending to enter the teaching profession, and also to contribute to the cultural background of the student. The course in the Philosophy of Education is specifically intended to form the culmination of the several courses in Education, thus providing the embryonic teacher, as well as others taking the course, with a Catholic outlook on the educational process.

The eligibility requirements for the examination as TEACHER-IN-TRAINING of a general subject in the New York City High Schools are a baccalaureate degree, with 6 semester hours of satisfactory professional courses and 18 semester hours in appropriate academic courses, together with the endorsement of the applicant by the chief executive officer of the college.

Requirements for recommendation by the College are as follows:

- (a) A Minor in Education, with a C+ average.
- (b) C+ average in the Major subject.

- (c) Approval by the Committee on Recommendation for general fitness for teaching, personality and character.
- (d) Four semester hours in Speech Education.

Students intending to teach in New York State outside New York City, or in any other State, are advised to consult the Head of the Education Department upon entering college.

COURSES OF INSTRUCTION

Education 1. Logic.

Study of the fundamental laws of thought; the three operations of the mind; connotation and denotation; definition and division; predicables and categories; judgments and propositions; opposition and conversion; reasoning and the syllogism; figures and moods of the syllogism; reduction; fallacies; argumentation; induction.

3 hours a week, 1 semester, 3 points.

Education 10. History of Education.

Description of the various systems of education by which principal nations of the world have attempted to realize their social ideals; criticism of educational theories and practices at different periods; lectures, recitations and assigned readings.

3 hours a week, 1 semester, 3 points.

Education 21. Principles of Education.

The study of educational objectives and their relation to curriculum, method, and classroom management; the principles involved in various lesson techniques and the theory underlying measurement of achievement in school work; the child's physical limitations and the hygiene of the classroom.

3 hours a week, 1 semester, 3 points.

Education 25. Psychological Tests and Measurements.

An introduction to statistical method and a study of the nature and use of tests of intelligence, achievement, special aptitudes, proficiencies, and personality traits.

3 hours a week, 1 semester, 3 points.

Education 30. Problems of Secondary Education.

This course includes a consideration of the following topics: scope and function of Secondary Education; characteristics and needs of secondary school pupils; scientific curriculum-making; correct curriculum practices and trends on the senior high school level; the extra-curriculum; changing conceptions and practices of teaching in the secondary school; readings in assigned texts and supplementary reports required.

2 hours a week, 1 semester, 2 points.

Education 33. Supervised Student Teaching in High School.

A study of teaching methods through the observation of the work of successful teachers in the high schools of New York City; practice teaching sufficient to meet certain State requirements; supplementary reading, reports and discussions.

Observation and practice teaching.

1 laboratory period a week, 1 semester, 2 points.

Education 35. Philosophy of Education.

A special study of the basic principles underlying educational theory; discussion of the facts, principles and theories determining the nature of the educational process and its aims; educative agencies: the home, the church, the school; the teacher and his training.

1 hour a week, 1 semester, 1 point.

For allied work in the field of Psychology, see courses listed under PSYCHOLOGY.

ENGLISH

SISTER M. NATALIE, Ph.D.

SISTER M. LUCIDE, M.A.

SISTER FLORENCE JOSEPHINE, M.A.

GEORGE N. SHUSTER, Ph.D.

MARY E. FLANIGAN, M.A.

TERESA TUSA, B.A.

MARY STACK, M.A.

There are three divisions of work in the English Department—composition, speech education, and literature. The first two (composition and speech) in both the required and optional courses aim

at the command and use of correct, clear and pleasing English, written and spoken. Literature in its broad study of European and American backgrounds, with the richness of its literary wealth, aims to develop in the student an appreciation of the past and contemporary thought and expression, together with correct standards in the judgment of good literature.

The aim of all the work of the English Department is to create and develop in the student a love and appreciation for beauty of thought as expressed by the written or spoken word, a desire of imitation of the ideals that actuate nobility of word and deed, and a striving to effect in their own lives those traits that make for truly Christian womanhood.

Requirements: Courses 1, 2, 11, 12, 13, Speech Education 1 are required for all candidates for the A.B. degree.

Admitted to English Majors: Students who desire to make English their major must attain a C+ average in the English courses required of all candidates for the A.B. degree.

Majors in English: (a) Students who desire to major in English must take twenty-four points in English, in addition to points earned in English in Freshman year.

(b) Majors in English or Speech who expect to teach are required to take Speech Education 1 and 2.

(c) A comprehensive examination is required of all English and Speech majors in their senior year.

(d) In preparation for this examination, reading lists of English and American literatures are available. Conferences with members of the English department will also form part of this preparation.

COMPOSITION

English I. Composition.

Organization of the composition as a whole; analysis of the mechanics of composition and of research; writing of fact essays, the research essay and opinion essays; letter writing; study of the technique of criticism and writing of the book review; oral composition; discussion of essays read outside of class.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 2. Composition.

Review of the essentials of composition; practice in observing and recording one's own experience and in organizing material correlated with the study of description and narration in literature as an approach to the finer appreciation of fiction.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 5. Essay Writing.

An advanced course in composition intended to give intensive training in selecting and organizing material; essays of various types—the familiar, the biographical, the critical, and the serious essay of discussion.

2 hours a week, 1 semester, 2 points.

English 6. Journalism.

A study of the various types of writing found in the newspaper of to-day; constant practice in the writing of the news story, the feature story, the editorial, and special types such as dramatic criticism, Sunday magazine articles and special assignments.

2 hours a week, 1 semester, 2 points.

English 8. Creative Writing.

A course in advanced writing designed to give the student an opportunity to develop skill in the writing of the short story, the formal and informal essay, critical studies, and original verse.

2 hours a week, 1 semester, 2 points.

LITERATURE

English 11. English Literature from Beowulf to 1785.

A study of the basic values of literature; the beginnings of prose and poetry to Malory; the development in content and manner from 1500-1785; brief references to the larger movements in the development of English literature; assigned readings; class discussions of typical poems and prose passages.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 12. English Literature from 1785-1890.

A study of the development of Romantic and Victorian literature; reference to materials, leading theories and social backgrounds of the times; assigned readings; discussions based on assigned readings.

2 hours a week, 1 semester, 2 points.

Required of Freshmen.

English 13. English Literature from 1890 to To-day.

This course deals with the prose, poetry, and drama of England and Ireland written since 1890; a study of present tendencies in literature with special reference to the changes in social backgrounds, currents of thought, and technique; acquaintance with the more worth-while literature of the twentieth century and development of critical insight into the materials and aims of contemporary writers.

2 hours a week, 1 semester, 2 points.

Required course.

English 15. Literary Backgrounds of the Sixteenth and Seventeenth Centuries.

A study of the social, economic, and æsthetic trends that influenced the literature of the Elizabethan and Stuart periods; selected readings from the prose, poetry and drama of the times, reflecting the social and literary backgrounds; the course is designed to develop an understanding of the importance of social backgrounds in the interpretation of literature; assigned readings, lectures, and discussions.

2 hours a week, 1 semester, 2 points.

English 16. Eighteenth Century Literature.

The prose and poetry of the eighteenth century with the political and social backgrounds; a study of the literature from the time of Pope, Swift, Gay, Addison, Steele through the days of Dr. Johnson and his circle; discussion of the beginnings of romanticism.

2 hours a week, 1 semester, 2 points.

English 18. Medieval Literature.

The life and literature of the Middle Ages, with particular reference to the years from 1200 to 1500; literary and linguistic study of the ballads, metrical romances, and Chaucer.

2 hours a week, 1 semester, 2 points.

English 19. Seventeenth Century Literature.

A study of the prose and poetry of the seventeenth century, with emphasis on Milton; social and political backgrounds included.

2 hours a week, 1 semester, 2 points.

English 20. American Literature from 1830 to 1900.

A study of the development of American literature through the Frontier Period. English influences seen in early American writers; the growth of the American novel; the development of the short story; Walt Whitman and the beginnings of modern American poetry; assigned readings, lectures, discussions, and reports.

2 hours a week, 1 semester, 2 points.

English 21. American Literature Since 1900.

This course will deal with the more important writers of prose and poetry of the twentieth century, the new biography, social and literary criticism, the contemporary American novel, poetry, and drama read and criticized; the effects of new social problems, the World War, literary experimentation as reflected in the American literature written since 1900 stressed; assigned readings, lectures, and class discussions.

2 hours a week, 1 semester, 2 points.

English 30. Shakespeare.

A survey of the literary period of Shakespeare and its influence on the drama; reading and interpretation of four Shakespearean plays; study of the structure and types of plays; written reports suggested by the study.

2 hours a week, 1 semester, 2 points.

English 31. Shakespeare.

The study indicated in English 30 continued in further detail; reading and interpretation of four other plays of Shakespeare not studied in the preceding course; written reports suggested by the study.

2 hours a week, 1 semester, 2 points.

English 33. Prose and Poetry of the Early Nineteenth Century.

Course will deal with English Romanticism as reflected in the work of the more important poets and essayists of the first half of the nineteenth century; the poetry of Wordsworth, Coleridge, Shelley, Byron, and Keats; prose of Lamb, Hazlitt, and De Quincey; assigned readings, lectures, and class discussion.

2 hours a week, 1 semester, 2 points.

English 34. Prose and Poetry of the Last Half of the Nineteenth Century.

A study of representative Victorian poets and prose writers: Tennyson, Browning, Rossetti, Swinburne, Carlyle, Ruskin, Huxley, Arnold and Newman; current social and intellectual movements with relation to the literature of the period.

2 hours a week, 1 semester, 2 points.

English 40. The English Drama.

Development of the drama from its beginnings in the mystery and miracle plays through the drama of the present day; lectures, class discussion on the development of types of plays, social backgrounds of the drama, themes and structure of plays in different periods, and growth of stagecraft; assigned readings for the basis of class discussion.

2 hours a week, 1 semester, 2 points.

English 41. The English Novel from Defoe to Hardy.

The development of the English novel from Defoe and Richardson through the works of Thomas Hardy; discussion of American as well as English novels; types of novels reflecting changes in thought and society read and analyzed; lectures, assigned readings, oral and written reports.

2 hours a week, 1 semester, 2 points.

English 42. The English Novel from Hardy to To-day.

Course carried along the same lines as English 41; special attention paid to the changes from Victorianism, the rise of new social problems and literary standards, and the development of critical ability in the reader of current fiction; lectures, assigned readings, discussion.

2 hours a week, 1 semester, 2 points.

English 50. Foreign Influences on Modern English Literature.

A survey of the relations between English and Continental literature since the Romantic era; a brief consideration of English borrowing from France during the Renaissance and the Augustan Age; detailed consideration given to contacts with French writers, schools of thought and artists during the nineteenth century; readings in English response to the ideas of the Revolution and to the Napoleonic epic; studies in French fiction and criticism, with special reference to Matthew Arnold; an examination of Symbolism and recent French poetry.

1 hour a week, 1 semester, 1 point.

Open to Juniors.

English 51. Foreign Influence on Modern English Literature.

A continuation of the survey begun under English 50; a brief consideration of English borrowing from Germany during the eighteenth century; detailed consideration of contacts with German, Russian, and Scandinavian writers and currents of thought during the late nineteenth century; lectures on Goethe, Tolstoi, Ibsen, and Dostoievski; readings in German drama and lyric poetry; special attention to Naturalism, the Neo-Romantic School, and Expressionism.

1 hour a week, 1 semester, 1 point.

Open to Juniors.

English 52. Literary Criticism.

Discussion of fundamental æsthetic standards, with special emphasis upon the problems of form, intensity and depth. Lectures on the art of current fiction, and on the relations

existing between literature, emotion, intelligence and morality. Supervised readings in standard critical literature, and reports on assigned studies.

1 hour a week, 1 semester, 1 point.

Open to Seniors.

English 53. Literary Criticism.

Course follows but does not necessarily presuppose English 52. Attention given primarily to the criticism of poetry and drama; preparation of original reviews of selected works, both standard and current, will initiate the student in the difficulties of critical writing; lectures on the theory of poetry as stated by selected masters—Dryden, Wordsworth, Browning, Patmore, Hopkins, Yeats—supplemented with readings in critical literature.

1 hour a week, 1 semester, 1 point.

Open to Seniors.

English 54. Methods of Teaching English in Secondary Schools.

Interpretation and presentation of typical high school texts with their literary and historical background; aims, methods, material, development, and correction of composition, the teaching of grammar; discussion of problems incidental to the teaching of English; readings in professional literature.

2 hours a week, 1 semester, 2 points.

English 56. Modern Catholic Literary Activity.

A survey of important movements in the Catholic revival as begun in the Oxford Movement and developed by Cardinal Newman; detailed consideration of the rise and growth of a specifically Catholic poetry, exemplified in Thompson, Patmore, Hopkins, Alice Meynell, and others; correlation of this material with the pre-existing Catholic achievement in English.

1 hour a week, 1 semester, 1 point.

Open to Juniors.

English 57. Modern Catholic Literary Activity.

A study of the expression of Catholic thought and feeling in the novel, the essay, and the scholarly treatise, lectures and

studies dealing with the status of Robert Hugh Benson, Compton Mackenzie, Hilaire Belloc, G. K. Chesterton, F. Von Hügel and others; consideration of the rise and development of modern Catholic journalism and publishing; examination of the problems involved.

1 hour a week, 1 semester, 1 point.

Open to Juniors.

SPEECH EDUCATION

MARY SHARPE, M.A.

LOUISE GURREN, B.A.

MARY V. O'BRIEN, M.A.

Speech Education 1. English Phonetics.

Analysis of English sounds; English sounds in connected speech, intonation (Klinghardt's markings), phonetic dictation; method of transcription of the International Phonetic Association; methods of correction on a phonetic basis of speech defects that are not medical.

2 hours a week, 1 semester, 2 points.

Required course.

Speech Education 2. Intermediate Phonetics.

The work of Speech Education continued with reading of phonetic texts and more individual suggestion as to student's needs; a further study of sentences with the accepted (or Standard) pattern of intonation for various types of sentences; more advanced work regarding special problems in intonation and pronunciation in New York with a view to the teaching of speech.

2 hours a week, 1 semester, 2 points.

Speech Education 5. Voice and Diction.

Accentuation of correct sounds; fundamental conditions for tone; practice in tone; exercises for breath control; resonance and melody; conversation and platform delivery.

2 hours a week, 1 semester, 2 points.

Speech Education 6. Oral Interpretation of Literature.

A study of the intellectual and emotional content of various types of literature; oral delivery of the lyric, the ballad, the narrative poem and the monologue; differentiation in expression; suitable modulation of the voice; understanding and appreciation of literature with a view to delivery.

2 hours a week, 1 semester, 2 points.

Speech Education 7. Public Speaking.

Technique of composition and delivery of various types of speeches for formal and informal occasions; meeting the public successfully in business, social, and professional relations; prepared and extemporaneous speeches.

2 hours a week, 1 semester, 2 points.

Speech Education 15. Program Making—Theory and Practice.

A study of material for auditorium exercises in elementary and secondary schools; the principles of program making; methods of training students to participate in public assemblies, such as the school forum, debating clubs, oratorical contests, literary societies, and other student organizations in which effective public speaking should be cultivated.

2 hours a week, 1 semester, 2 points.

Speech Education 16. Story-telling.

The art of story-telling and its relation to dramatization; modern, realistic and original stories; material for older groups as well as for children of elementary school age.

2 hours a week, 1 semester, 2 points.

Speech Education 17. Argumentation and Debate.

The course is designed for those who wish to develop force and confidence before an audience; frequent opportunity to develop ability in the preparation and delivery of logical argument; students will work in organized debates as well as presenting individual speeches.

2 hours a week, 1 semester, 2 points.

Speech Education 18. Play Writing and Producing.

A study of the principles of play writing, reading and analysis of types of plays; writing of a one-act play required during the course with a view to practical production; lectures on the organization of groups for the purposes of production, casting, managing of rehearsals, setting and lighting, program making.

2 hours a week, 1 semester, 2 points.

Speech Education 19. Speech Correction.

A course dealing with diagnosis and treatment of such speech disorders as speechlessness, lisping, stuttering, spastic speech, and voice inadequacies. This is not clinical, but instructive matter.

2 hours a week, 1 semester, 2 points.

Speech Education 20. Methods of Teaching Speech in the High Schools.

This course will include all the elements in the preparation of a speech teacher in the New York high schools. A survey will be given in the following: dramatics and play production, the organization and conducting of dramatic clubs and other extra-curricular activities required of the speech teacher; methods of teaching poetry interpretation, speech correction, and phonetics; special stress will be laid upon the phonetic method of teaching cultured English with the use of Klinghardt's intonation markings.

2 hours a week, 1 semester, 2 points.

HISTORY DEPARTMENT

SISTER M. GERARDUS, Ph.D.

REV. WILLIAM G. RYAN, S.T.B., J.C.B.

HARRY J. CARMAN, Ph.D.

MARY HURLEY, M.A.

SAMUEL F. TELFAIR, JR., M.A.

LORETTA A. DOHERTY, B.A.

The courses in history are semestral and are arranged to meet the needs not only of history majors, but of all students who

are interested in history for its cultural value. The aim of the several courses is to afford a general survey of western civilization and a more intensive study of narrower fields, in the hope of supplying the necessary background for intelligent citizenship. Readings will be supervised so as to coördinate the work in the department. A thesis is required of all history majors in senior year. The comprehensive examination for majors at the end of their senior year will include specific questions in American History as well as general questions in English History, Modern European History and the History of Civilization. There will be a senior seminar covering the principles of historical method and utilizing a particular field of history as a laboratory subject.

Requirements: History 1 and 2 are required of all students for the degree.

For history majors—besides History 1 and 2, 3 points in American History (History 12 or 13); 3 points in English History (History 20 or 21); 3 points in Modern European History (History 3 or 4); 3 points in Social Science and 6 additional points in History.

History 1. History of Civilization.

This course affords the background for an appreciation of contemporary western civilization, treating of man, the one permanent factor in the panorama of changing conditions; important aspects of ancient cultures in the fields of literature, politics, religion, education, philosophy, art and science; creative aspect of medieval culture.

3 hours a week, 1 semester, 3 points.

Required course.

History 2. History of Civilization.

A survey of the contemporary scene; significant men and movements in the modern era; the problem of an effective adjustment to changed conditions of life; the reaction on culture of the greatest industrial era of the world.

3 hours a week, 1 semester, 3 points.

Required course.

History 3. Modern European History.

Reaction to the revolutionary and Napoleonic era; liberal efforts to establish the new order on a firmer and broader basis; growth of nationalism as exemplified in Germany and Italy; expansion of the Industrial Revolution and the spread of democratic ideas; imperialism and world politics; antecedents of the World War.

3 hours a week, 1 semester, 3 points.

History 4. Modern European History.

Origins of the World War; peace treaties; new governments of Europe, Germany, Russia, the Succession States; economic readjustment; international organizations for peace, League of Nations, World Court; disarmament and peace pacts, Washington treaties, Locarno, Pact of Paris; reparations and war debts; revisionist movement; recent trends.

3 hours a week, 1 semester, 3 points.

History 5. French Revolution and Napoleonic Era.

French society before the revolution; overthrow of the old régime; Reign of Terror and reaction; Napoleon and establishment of empire; commercial conflict with England; downfall of Napoleon and treaties of Paris.

2 hours a week, 1 semester, 2 points.

History 10. Beginnings of the American People.

Discovery, exploration and colonization of North America by Europeans; social, economic and political development of the English colonies; influence of the colonial period on American institutions.

3 hours a week, 1 semester, 3 points.

History 11. American Foreign Relations.

Development of American policies with special reference to Western Europe, Latin America and the Far East.

3 hours a week, 1 semester, 3 points.

History 12. Survey of American History: 1783-1865.

Conditions at the close of the Revolution; establishment of a strong national government; rise of political parties; develop-

ment of a national spirit; Jacksonian democracy; western movement; sectionalism; Civil War.

3 hours a week, 1 semester, 3 points.

History 13. Survey of American History: 1865 to the Present.

Problems growing out of reconstruction; economic and social revolution; beginnings of imperialism; World War; peace and readjustment; recent American foreign policy; problems of our day.

3 hours a week, 1 semester, 3 points.

History 14. Development of the West.

The new West; democracy, political and social; slavery and the West; internal improvements; advancing frontier; barriers to development; economic revolution; present problems.

3 hours a week, 1 semester, 3 points.

History 20. English History to 1714.

England before the Norman conquest; feudal period; constitutional and legal development; foundation of the empire; development of the party system; material and cultural progress.

3 hours a week, 1 semester, 3 points.

History 21. English History: 1714 to the Present.

British industrial supremacy in Europe; the triumph of democracy; imperialism; social reforms; international relations; England and the World War; economic conditions after the war; growth of a national spirit in various parts of the empire; recent trends.

3 hours a week, 1 semester, 3 points.

History 30. The Ancient World.

Eastern background; Ægean civilization; evolution of the city-state and development of democratic government in Athens; Alexandrian conquest and spread of Hellenistic civilization; Rome; foundation; influences reaching it; development of institutions; fall of republic; culture of Augustan Age.

3 hours a week, 1 semester, 3 points.

History 40. Medieval History.

Elements of ancient civilization which survived in Middle Ages; vital influence of the Church; intermingling of oriental and occidental civilizations; Renaissance; Sixteenth Century revolution; contributions of Middle Ages to modern civilization.

3 hours a week, 1 semester, 3 points.

History 41. Early European History.

The Roman empire; triumph of Christianity; Christian culture; Germanic kingdoms; spread of Islam; Frankish state and Charlemagne; disruption of Charlemagne's empire; renewed invasions; the Northmen; influence of the East on the West.

2 hours a week, 1 semester, 2 points.

History 42. Expansion of Europe in the Sixteenth Century.

This course will consider the major cultural areas outside Europe—China, India, Central Asia and Africa—and their European contacts through merchants and missionaries; the journals of Carpini, Rubruquis and the Polos as incentives to exploration; the sciences of cartography and navigation; commercial empire of Portugal; colonial empire of Spain; union of the empires; results of overseas expansion.

1 hour a week, 1 semester, 1 point.

History 50. History of Latin-America.

Spain and Portugal in the new world; development of institutions and culture; problems of the colonial period; the revolutions; relations with the United States; Pan-Hispanism; Latin-America and the World War; recent events.

3 hours a week, 1 semester, 3 points.

History 60. Methods of Teaching History in Secondary Schools.

Development of school instruction in history in the seventeenth century; programs of history teaching in Europe and America; problems of grading history; aims and values; study of social groups; measuring the results of history teaching.

2 hours a week, 1 semester, 2 points.

Open to Seniors whose major is History.

History 61. Historical Method.

What history is; sources; historical criticism; auxiliary sciences; scientific conception of history; interpretation; principles of historical evidence; process of historical research; leading historians; the preparation of historical papers and reports.

2 hours a week, 1 semester, 2 points.

Open to Seniors.

SOCIAL SCIENCE

FRANCIS P. KILCOYNE, M.A.

MARY J. HUSCHLE, J.D.

THOMAS S. CUSACK, M.D.

EUGENE B. RILEY, M.A.

The social sciences aim at a broad understanding of the social and economic order, and lead to constructive activity in the solution of current problems. Political science, economics, sociology, business law and international law furnish the tools by which social relations may be studied. Majors in social science will investigate, during their senior year, some important problem in a chosen field, and record their findings in a thesis. The particular problem will be selected by the student in consultation with the department. The comprehensive examination for majors at the end of their senior year will include questions in the five fields covered by the required courses. A seminar is offered in senior year in which topics connected with required work are considered.

Requirements: For majors, in addition to the courses indicated in the catalogue (S. S. 1, 10, 20, 30, 40), 9 points are required, of which not more than 6 may be in history and 3 in a social science elective.

Social Science 1. Government.

State, nature, origin, theories, functions; constitutions, definition, kinds; United States Constitution, historical background, formation, development; national government; President, election, powers, relation to Congress and administrative departments; Congress, Senate, House of Representatives, organization, committees, procedure; national judiciary; national

revenues; commerce, anti-trust laws; state government; county, city and town government; comparison of United States government with modern European governments.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 2. Constitutional Law.

Constitutions in general, types and characteristics; United States Constitution, historical background, origin and development; constitutional construction and interpretation, considering powers and limitations of the government, citizenship, private rights and liberties, due process of law, police power, interstate relations, federal regulation of commerce; typical cases; federal courts and their jurisdiction.

3 hours a week, 1 semester, 3 points.

Social Science 10. International Law.

Historical background; sources of international law; treaties; peace, war, neutrality; persons; sovereign and non-sovereign states; jurisdiction, citizens, aliens, insurgents, ambassadorial immunities, consuls; settlement of disputes, boycott, retortion, reprisal, pacific blockade; neutrals, duties of neutrals, right of angary, doctrine of continuous voyage, right of contraband, high seas, marginal seas, interior seas; air rights; League of Nations; Permanent Court of Justice.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 20. Principles of Economics.

A systematic view of the leading principles of political economy; discussion and indicated solution of economic problems; currency, credit, banking, trusts, labor, transportation, socialism; industrial history of the United States in its extensive and intensive aspects.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 21. Industrial Relations.

Employers and the labor problem; employment management; scientific management; employee representation plans; acci-

dent prevention; profit-sharing, co-partnership and co-operation; Schulze-Delitsch and Raiffeisen Banks.

2 hours a week, 1 semester, 2 points.

Social Science 22. Statistics.

General introduction to the use of statistics; methods of collection; tabulation; graphic presentation; analysis; interpretation and application to the study of business cycles, population and other problems in the social sciences.

3 hours a week, 1 semester, 3 points.

Social Science 23. Financial Organization of Society.

A study of the development of the modern system of money, credit and banking; relation of this development to large scale production and exchange; bimetallism, gold standard, gold exchange standard, foreign exchanges, the rôle of money in the theory of international trade; business cycle, stabilization of business; investment banking, commercial banks, consumptive credit institutions and the Federal Reserve system; problems of credit and banking considered from the point of view of the individual as well as from the public and social point of view.

3 hours a week, 1 semester, 3 points.

Social Science 30. Business Organization.

Law, sources, classification; equity, origin, common law and equity; contracts, kinds, parties, rights of third persons, discharge of contracts; agency; sales act; negotiable instruments; guaranty and suretyship; insurance; bailments and common carriers; property, kinds; estates, titles, landlord and tenant; trusts and trustees; torts; corporations, public and private, partnership; remedies.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 40. Introductory Sociology.

The nature of sociology—definition, aims, scope; the nature of the social bond; organizations and functions; the family; the great associations—cultural, economic, political; regulative forces; environment; social change.

3 hours a week, 1 semester, 3 points.

Required of students electing Social Science as major.

Social Science 41. Sociology—Second Course.

Modern family life, history, functions, social case work with the family, industrialism and the home, heredity and eugenics; the problem of wages, living wage, family wage, economic disabilities of the wage earner; types, causes, problems of unemployment; crime; juvenile delinquency; social welfare legislation; the Church and social work.

2 hours a week, 1 semester, 2 points.

Prerequisite: Social Science 40.

Social Science 42. Field Study in Sociology.

The objectives of sociological research; case study method; scope and use of type studies. Technique, consisting of observation as objective scrutiny of phenomena and as a record; social research interview; diary of the social worker; use of research maps; documentation; analysis and interpretation of case materials.

There will be an opportunity for systematic investigation of social groups to develop the necessary critical and impartial attitude of the social science worker.

2 hours a week, 1 semester, 2 points.

Social Science 50. Dynamic Psychiatry.

The nervous system as a whole. Aments and dements. Etiology and classification of aments; measurement of intelligence—Terman method—booklets.

Psychosis and neurosis: Anamnesis in psychotic and neurotic cases.

The personality: Relation of personality to psychosis and neurosis.

Mental mechanisms: The mental syndromes—causes and classification. Borderline states: The Constitutional Psychopath. Psychoneuroses and epilepsies. Psychoanalysis and psychotherapy. Visitation to mental clinics and hospitals.

1 hour a week, 1 semester, 1 point.

Social Science 60. Current Social and Political Problems.

A course designed to acquaint students with social and political trends and problems, national and international; the

nationalistic, the lay, the communist states; revolutions and dictators; the Orient; the politico-economic conditions in the United States.

2 hours a week, 1 semester, 2 points.

Limited to Seniors and Juniors.

MATHEMATICS

SISTER FRANCIS XAVIER, Ph.D.

MARGARET BYRNE, M.A.

A student who expects to make Mathematics her Major should, by the end of the second semester, show a steady growth in power to do original work. She should have also a lively interest in mathematical topics other than those discussed in class. It is the purpose, therefore, of the department to offer a reading list for such additional topics and to ask from time to time for evidence of the student's mastery of these topics.

The mathematics major requires 24 credits; the minor, 18 credits. Courses 1, 2, 6, 7, 20 and 21 are required. The remaining credits may be chosen from courses 10, 11, 30, 40 and 60.

The courses under Mathematical Analysis, I, II, III and IV, include topics usually discussed in a three-point course in College Algebra, in Trigonometry and in Analytic Geometry; and, although differently listed in the catalogue, entitle the student to 3 points in each of these branches.

Math. 1. Mathematical Analysis, I.

The function concept, graphs, problems of variation; trigonometric concept; use of logarithms in the solution of right and oblique triangles; the slide rule; differentiation; integration.

3 hours a week, 1 semester, 3 points.

Required course.

Math. 2. Mathematical Analysis, II.

Rectangular coördination; polar coördinates; solution of equations; determinants; progressions and series; complex number.

3 hours a week, 1 semester, 3 points.

Required course.

Math. 6. Mathematical Analysis, III.

Trigonometric analysis; inverse functions; radian measure; identities; vector analysis; scalar and vector products; theory of equations; mathematical induction; binomial theorem; permutations, combinations; probability; matrices.

Math. 7. Mathematical Analysis, IV.

More detailed study of the conic sections; polar equations; transformations; tangents and normals.

3 hours a week, 1 semester, 3 points.

Math. 10. Geometry of Three-Dimensional Space.

Extension of analytics; spherical trigonometry; elementary discussion of n -dimensional space.

3 hours a week, 1 semester, 3 points.

Math. 20. Differential Calculus.

Variables and functions; theory of limits; maxima and minima; rates; change of variable; curvature; envelopes; series; asymptotes; applications.

3 hours a week, 1 semester, 3 points.

Math. 21. Integral Calculus.

Integration, including the definite integral, integration by parts, summation; elementary differential equations; applications.

3 hours a week, 1 semester, 3 points.

Math. 30. Theory of Equations.

Complex numbers; constructions with ruler and compasses; methods of solution of cubic and quartic equations; determinants; symmetric functions; elimination.

3 hours a week, 1 semester, 3 points.

Math. 40. History of Mathematics.

A topical survey of the fields of arithmetic, algebra, trigonometry, geometry, and calculus.

2 hours a week, 1 semester, 2 points.

Math. 60. Methods of Teaching Mathematics in Secondary Schools.

Objectives and methods of teaching algebra, geometry, and numerical trigonometry; study of the work done by the reorganization committee; standard tests; observation; practice.

2 hours a week, 1 semester, 2 points.

Candidates must take Math. 10.

Modern Languages

FRENCH

MARGUERITE MICHAUD, M.A.

LEO J. AUCOIN, M.A.

French is offered for a threefold purpose:

- (a) To afford cultural value.
- (b) To meet the needs of language requirements for higher degrees.
- (c) To prepare those students who intend to choose the teaching of French as a profession.

Students offering three years of High School French may major in the department, providing such students obtain an average of B in the College Courses followed before declaring such a major. Students offering less than three years of French may major in the department, providing they meet the additional requirement—French 3 with credit but not included in the 24 points required for a major. 18 points required for a minor.

A comprehensive examination is required of all French Majors in their Senior year.

French 1. Elementary.

Beginner's course. Careful study of the grammar and syntax; attention will be paid to correct pronunciation; practice in reading and writing simple French; direct method.

3 hours a week, 1 semester, 3 points.

French 2. Elementary

Beginner's course continued; stress on reading and oral drill; dictation; formal and free composition.

3 hours a week, 1 semester, 3 points.

French 3. Intermediate.

Review of essentials of grammar; exercises in composition; vocabulary building; idioms; reading and oral discussion of selected plays.

3 hours a week, 1 semester, 3 points.

Open to students who offer 2 years of French.

French 4. Intermediate.

Continued exercises in reading, writing and speaking French; reports to be written in French; much oral work on selected narrative texts and plays.

3 hours a week, 1 semester, 3 points.

Open to students who offer 3 years of French.

French 5. Advanced.

More intensive study of syntax, composition and conversation; themes and reports to be written in French; reading of selected works by representative authors.

3 hours a week, 1 semester, 3 points.

Open to students who offer 4 years of French.

French 7. Conversation.

A course in conversational French, designed for acquiring greater facility and ease in expression; questions of literary and economic interest discussed; current events; great emphasis laid upon correct pronunciation.

2 hours a week, 1 semester, 2 points.

Open to students who offer 4 years of French.

French 8. Classic Drama.

Study of Molière, Corneille, Racine—life and works; intensive study of representative plays of each author; outside readings; advanced prose composition.

3 hours a week, 1 semester, 3 points.

Open to students who have completed French 5 or other qualifying students.

French 9. Commercial.

Aim of course: to offer greater opportunity for the use of French in the business world. Reading and translation of commercial texts; letter-writing; commercial vocabulary.

2 hours a week, 1 semester, 2 points.

Open to students who offer French 5 and French 8.

French 10. General Literature.

The course furnishes a general survey of French Literature from the "Chanson de Roland" to the end of the Classic Period. Assigned readings in French from representative authors supplement the lectures and recitations. A number of class periods devoted to students' reports. Conducted in French.

3 hours a week, 1 semester, 3 points.

Required of students electing French as a major or minor.

Open to students who have completed French 5 and 6.

French 11. General Literature.

Survey of French literature and history of the eighteenth and nineteenth centuries up to 1850. Outside readings and reports as in French 10.

3 hours a week, 1 semester, 3 points.

Required of students electing French as a major or minor.

Open to students who have completed French 10; also to other qualifying students.

French 12. Development of French Drama.

Survey of the French drama from the Middle Ages to the present time. Special emphasis of the Classic drama. Lectures, readings, reports. Conducted in French. Elective.

3 hours a week, 1 semester, 3 points.

Open to students who have had a survey of French literature.

French 13. Classic Prose of the Seventeenth and Eighteenth Centuries.

Lectures on the social, æsthetic and philosophical movements of the seventeenth and eighteenth centuries. Selected works of representative authors. Conducted in French. Elective.

3 hours a week, 1 semester, 3 points.

Open to students who have had a survey of French literature.

French 14. Romantic Period of French Literature.

Alfred de Musset, Victor Hugo, Lamartine, Alfred de Vigny. Novel, poetry and drama. Conducted in French. Elective.

3 hours a week, 1 semester, 3 points.

Open to students who have had French 10 and 11. Other students who have had a background of French literature are eligible for the course.

French 15. Contemporary Literature.

Tendencies in contemporary poetry, novel and drama. Special stress on representative authors. Outside readings. Class discussions and reports. Conducted in French.

Required of students electing French as a major.

Open to other qualifying students.

3 hours a week, 1 semester, 3 points.

French 16. French Civilization.

Lectures, readings and reports, oral and written, on the chief features of French civilization. Geography, art, history. General contribution to world culture.

Open to students who have had French 10 and 11.

Required of students electing French as a major.

2 hours a week, 1 semester, 2 points.

French 20. Practical Phonetics.

Corrective exercises; elements of diction; practical phonetics applied to reading and speaking French. Advanced grammar and composition will be studied during semester. Translation.

3 hours a week, 1 semester, 3 points.

Open to students who have had at least 3 years of French.

French 21. Methods of Teaching Modern Languages.

A study of the aims and methods in teaching Modern Languages in junior and senior high schools. Observation and practice teaching.

2 hours a week, 1 semester, 2 points.

Open to Seniors in the French Major.

GERMAN

CECILIA TRUNZ, Ph.D.

German is offered for a twofold purpose:

- (a) To afford cultural value.
- (b) To meet the needs of the language requirements for higher degrees.

German 1. Elementary.

Primary object: to enable the student to understand easy German, written and spoken. Dictation, sentence mutation and memory work as a basis for composition; oral and aural drill.

3 hours a week, 1 semester, 3 points.

German 2. Elementary.

Primary object: to enable the student to reproduce simple German orally and in writing. Fundamentals of grammar completed; formal and free composition; reading of Storm's "Immensee" and Kästner's "Emil und die Detektive."

3 hours a week, 1 semester, 3 points.

German 3. Intermediate.

Grammar review and composition; readings from nineteenth century prose and poetry selected from Storm, Ebner-Eschenbach, Eichendorff, Wildenbruch, Heine, Uhland, and others.

3 hours a week, 1 semester, 3 points.

Open to Freshmen who have had 2 years of German in secondary school.

German 4. Intermediate.

Rapid reading of modern German prose and verse selected from Hauptmann, Sudermann, Schnitzler, Werfel, Thomas Mann, Liliencron, Stefan George, Dehmel, Toller, Thiess.

3 hours a week, 1 semester, 3 points.

German 7. German Conversation.

Conversation relating to affairs of every life; oral drill stressed throughout.

2 hours a week, 1 semester, 2 points.

German 10. Advanced.

Schiller—life and works; intensive study of ballads and lyrics, "Maria Stuart," "Wilhelm Tell," and "Die Jungfrau von Orleans"; advanced prose composition.

3 hours a week, 1 semester, 3 points.

Required of students selecting German as a minor.

German 11. Advanced.

Goethe—life and works; intensive study of lyrics, "Hermann und Dorothea" and dramas "Götz von Berlichingen," "Iphigenie"; outside readings chosen from Goethe's prose writings.

3 hours a week, 1 semester, 3 points.

Required of students selecting German as a minor.

German 12. Nineteenth Century Drama.

Survey of German drama from Lessing to Hauptmann; reading and discussion of dramas of Kleist, Grillparzer, Hebbel, Wagner and other dramatists.

3 hours a week, 1 semester, 3 points.

German 13. German Novel.

Development of novel and short story from Goethe to Thomas Mann; reading and discussion of narratives by Tieck, Kleist, Eichendorff, Freitag, Keller, Meyer, Storm, Sudermann.

3 hours a week, 1 semester, 3 points.

SPANISH

MARIE OLIVA, M.A.

ANTHONY BOVÉ, B.A.

In view of the actual trend of Pan-American relations and the increased export and import to and from Hispanic-American countries, the Spanish Department offers—in addition to its regular courses in Grammar, Composition and Literature—some new opportunities to students desiring up-to-date training in practical conversation, business correspondence and technical translation.

Spanish 1. Beginner's Course.

Fundamentals of grammar; exercises in reading, writing and speaking simple Spanish; direct method.

3 hours a week, 1 semester, 3 points.

Spanish 2. Beginner's Course (continued).

Complete essentials of Spanish grammar with an intensive study of the subjunctive; vocabulary building; idioms; formal and free composition; reading of Spanish plays.

3 hours a week, 1 semester, 3 points.

Spanish 3. Commercial Spanish.

Letters of courtesy and simple commercial transactions in the export and import trades; introduction to frequently used intricacies of the Spanish language; dictation; translation; composition; reading of history, traditions, customs and ideals of the Spanish-American countries and our relations with them.

Open to Freshmen who offer at least two years of Spanish. Also to students who have completed Spanish 2.

3 hours a week, 1 semester, 3 points.

Spanish 7. Composition.

A comprehensive outline of the Spanish principles of sentence structure and rhetoric; practice in writing short descriptions and narratives; reading of modern plays by representative authors; the whole provides a thorough review of Spanish grammar.

Open to Freshmen who offer 3 years of Spanish.

3 hours a week, 1 semester, 3 points.

Spanish 8. Spanish Conversation and Story-Telling.

Course designed for students contemplating traveling or taking positions as teachers, secretaries, interpreters, translators, or correspondents; elements of diction; intensive study of a play; telling in Spanish short stories to class.

3 hours a week, 1 semester, 3 points.

Open to Freshmen who offer three years of Spanish. Required course for majors and minors in Spanish.

Spanish 9. Survey of Spanish Literature.

Introduction to Spanish literature from "El Poema del Mio Cid"; old ballads; study of the Picaresque Novel as one of Spain's most important contributions to European fiction; oral and written reports in Spanish.

Open to students who have completed Spanish 7.

3 hours a week, 1 semester, 3 points.

Spanish 10. Drama of the Golden Age.

Detailed study of Calderon and Lope de Vega; outside reading supplemented by lectures on works of Tirso de Molina; Ruiz de Alarcon, Moreto and Guillen de Castro; discussions and written reports in Spanish.

3 hours a week, 1 semester, 3 points.

Spanish 11. Cervantes. (Novel of the Golden Age).

Reading and interpretation of "Don Quijote" with the aim of providing a comprehensive view of Cervantes, including a study of the technique and construction of his works.

3 hours a week, 1 semester, 3 points.

Spanish 12. Poetry, Drama and Prose of the Romantic Period.

Martinez de la Rosa; el Duque de Rivas; Garcia Gutierrez; Zorrilla; Espronceda, etc.; lectures; reading and reports in Spanish.

3 hours a week, 1 semester, 3 points.

Spanish 13. Spanish Civilization.

A study of physical environment of Spain, the Spanish race, survival of the characteristics of the provinces, the institutions of old and modern Spain, Spanish architecture and painting, the old and modern colonies of Spain.

3 hours a week, 1 semester, 3 points.

Spanish 14. The Modern Drama.

Tamayo, Echegaray ; Dicenta, Linares Rivas, Martinez-Sierra, Benavente, Los Quintero, Marquina ; extensive reading, discussions and reports in Spanish.

Required of students electing Spanish as major or minor.

Open to all qualifying students.

3 hours a week, 1 semester, 3 points.

Spanish 15. The Modern Novel.

Fernán Caballero, Valera, Alarcón, Pereda, Perez Galdós, Pardo Bazán ; Palacio Valdés, Blasco Ibañez ; outside reading ; oral and written reports in Spanish.

3 hours a week, 1 semester, 3 points.

Required of students taking Spanish as major.

Spanish 16. Contemporary Literature.

Poetry, drama and prose ; survey of the recent work of representative writers in Spain and Spanish America ; detailed study of Ruben Dario "Prince of the Spanish Lyrics."

Open to all students in their Junior or Senior years.

3 hours a week, 1 semester, 3 points.

Spanish 17. Elements of Literary Theory and Artistic Criticism.

Invention, composition and style ; versification ; course designed for majors and minors intending further study of the language.

Elective to all qualifying students.

3 hours a week, 1 semester, 3 points.

Spanish 20. Phonetics.

Formal and practical phonetics ; special attention to correction of defective pronunciation and accent ; continuous drill on tone and expression in order to read and speak Spanish correctly.

Open to students who have had 2 or 3 years of Spanish and to students who have had Spanish 2 in college.

3 hours a week, 1 semester, 3 points.

Spanish 21. Methods in Teaching Spanish.

Historical and comparative grammar; observation and practice in teaching Spanish in secondary schools.

2 hours a week, 1 semester, 2 points.

PHILOSOPHY

REV. WILLIAM T. DILLON, J.D.

REV. FRANCIS X. FITZGIBBON, M.A.

The Philosophical courses are set down for three of the four years in the college curriculum. In Freshman year a course in Introductory Philosophy is required of all students to acquaint them with the problems of this science. The class in Introductory Philosophy terminates at the end of the first semester and during that period the class is held once a week.

Empirical Psychology is a study of the laws of the mind and it considers the origin and the worth of knowledge. This course is required of Juniors and during the first semester classes are held twice a week. In the second semester the classes in philosophy for the juniors considers the following branches of philosophy successively, Cosmology, Rational Psychology and Theodicy, and the classes in Philosophy are held three times each week. To run all three courses at one time, giving to each division one hour a week, would complicate the procedure and cause unnecessary difficulties to the student. The better way is to consider one division at a time and complete it.

In Senior year, the practical questions of General and Special Ethics engage the minds of the students. In the first semester General Ethics is required of each student and the classes are held twice a week. In the second semester Special Ethics is required and the hours are also limited to two each week.

Supplementary reading is required of all students in the philosophical courses for the purpose of perceiving and broadening the theories learned.

Phil. 1. Introductory.

Definition; division; methods; philosophy and the inductive sciences; summation of history of philosophy; the world and

self; mind and matter; principles of general metaphysics; substance and accidents; being; nature; essence; life; knowledge; criteria of truth; freedom; morality.

1 hour a week, 1 semester, 1 point.

Phil. 2. Empirical Psychology.

Laws of the mind; mental processes; cognition, (a) sensation and perception, (b) representation, (c) intellection; appetition, (a) elemental feelings, (b) emotions, (c) sentiments; conation, (a) physical activity, (b) psychophysical reactions, (c) volition.

Required of Juniors.

2 hours a week, 1 semester, 2 points.

Phil. 3. Cosmology.

Constitution of matter; Life, nature and characteristics; evolution; time and space; efficiency and teleology, application of principles to empirical science; a comparative study of the methods of metaphysics and the physical sciences.

Required of Juniors.

1 hour a week, 1 semester, 1 point.

Phil. 4. Rational Psychology.

The Soul, a substantiality, phenomenism; spirituality of the soul; union of real and ideal; identity hypothesis and double-aspect theory; origin (a) of the organism, (b) of the soul, and (c) of the race; the soul immortal.

Required of Juniors.

1 hour a week, 1 semester, 1 point.

Phil. 5. Theodicy.

Existence of God, the question, the proof, *a priori*, *a posteriori*, moral, physical and metaphysical, *a simultaneo* argument considered; nature of God as known by His attributes, primary and secondary, positive and negative; God and the world, deism, pantheism, agnosticism; a history of ancient and modern thought.

Required of Juniors.

1 hour a week, 1 semester, 1 point.

Phil. 10. Epistemology.

Study of thought-processes for the purpose of determining their ultimate significance and validity as factors of knowledge; origin and growth of epistemology; necessity of a knowledge of the subject for all sciences; individual criteria considered in detail, stressing sense information, testimony and reason.

Elective.

1 hour a week, 1 semester, 1 point.

Ethics 1. General Ethics.

Human Acts; ends; morality of human acts; determinants of morality; imputability of acts; law, the objective norm; Conscience, the subjective guide; general collateral readings and specific subjects assigned with the idea of making practical the theoretical knowledge acquired. These are organic parts of the course.

Required of Seniors.

2 hours a week, 1 semester, 2 points.

Ethics. 2. Special Ethics.

Right and duty; duties to the Creator; duties to our fellow-men, relative to honor, life and property; social ethics; domestic society, civil society; international law; equity; contracts, trusts; corporations; war; crime; the Constitution; the League of Nations.

Required of Seniors.

2 hours a week, 1 semester, 2 points.

PHYSICAL EDUCATION

MARY G. CLOSE, B.S.

Physical Education 1.

Given in Fall Semester.

Course designed to lay the foundations for personal activity and skill in seasonal sports and elementary rhythms and dancing.

Required of Freshmen.

1 hour a week, 1 semester, $\frac{1}{4}$ point.

Physical Education 2.*Given in Spring Semester.*

Course includes suitable seasonal sports and elementary rhythms and dancing.

Required of Freshmen.

1 hour a week, 1 term, $\frac{1}{4}$ point.

Physical Education 3.*Given in Fall Semester.*

More advanced course requiring foundation of Physical Education Courses 1 and 2. Greater skill and proficiency required and emphasis placed on leadership and ability to conduct seasonal activities. Previous work in rhythms and dancing is continued in a more advanced form.

Required of Sophomores.

1 hour a week, 1 semester, $\frac{1}{4}$ point.

Physical Education 4.*Given in Spring Semester.*

Course carries on advanced work in spring sports with emphasis on the conducting of track meets and games. Dancing and rhythm work is continued.

Required of Sophomores.

1 hour a week, 1 term, $\frac{1}{4}$ point.

Personal Hygiene 10.

Lecture course. Factors that influence the health of the individual. General structure, function and hygiene of the systems of the body.

Open to Juniors and Seniors.

1 hour a week, 1 semester, 1 point.

PSYCHOLOGY

EDWARD B. VAN ORMER, Ph.D.

MARGARET M. GARDINER, B.S.

The psychology courses aim to contribute to the student's general culture, so that she may receive a better insight into her own mind and actions and into the minds and actions of her fellowmen. It is hoped that she leaves these courses a more efficient and socially adjusted personality.

These courses also give the student an *opportunity to decide if she is interested in psychology*; an interest which may continue in beneficial avocational reading throughout life; or an interest which may lead to graduate study in preparation for such vocations as the following: school psychologist, vocational counselor, remedial teaching in reading and arithmetic, teacher of gifted children or of low IQ classes, social service worker if interested in sociology too, personnel or managerial work in department stores or industries if interested in business.

Students who include child psychology and nursery school education in their courses will be aided in discovering if they have sufficient interest and ability for nursery school or kindergarten work. A year of graduate study will then qualify them to teach in these fields. Without graduate study they will be qualified for positions as assistants in nursery school, kindergartens, and day nurseries.

The nursery school and child psychology.—The College has established a nursery school for pre-school children in connection with the department of psychology. The nursery school, in charge of a specialist in child development, aims to guide the development of these young children in ways which will be most beneficial to their growth. Here the students of the education and psychology courses have a chance to see psychology and educational methods vitalized and applied in these most important years of human development. College students interested in these nursery school activities may take courses in story-telling, play activities, and direction and guidance of young children. These courses include actual assistance, under careful supervision, in the nursery school work. Aside from the vocational value of these courses, as mentioned above, students who take these courses and child psychology will receive an interesting and valuable training in guiding the development of young children, physically, mentally, socially, and morally. This training would seem most fitting and desirable in a college whose courses, traditions, and very atmosphere center around the training of Christian womanhood, not merely for teaching or business vocations, but for a cultural life in general, and for intelligent motherhood.

A combined *major in the departments of psychology and education* is offered, being especially designed for students interested

in some one of the vocational fields related to psychology as mentioned above. The following courses are *required for this major*: Psychology 11, 20, 22 and 24; Education 10, 21, 25 and 35. Any other psychology courses or S. S. 22 and 50 will be accepted as electives to complete the major.

The following courses are *required for a major in psychology*: Psychology 11, 20, 22 and 24; Education 25. Any other psychology course or S. S. 22 and 50 will be accepted as electives to complete the minor.

Psychology 11. General Psychology.

A survey of the field of general psychology, considering the methods of psychology and some of the main results and applications obtained from the study of sensation, nervous mechanisms, preception, memory, learning, thinking, intelligence, emotions, motivation, and personality; topics of special interest and value to the college student emphasized; text, special assignments, lectures, and demonstrations.

3 hours a week, 1 semester, 3 points.

Psychology 20. Educational Psychology.

A study of the application of the methods and facts of psychology to educational problems; emphasis placed on growth and development, motivation, emotion and personality adjustment, the psychology of learning, and individual differences, including the nature and use of tests of intelligence, achievement, and other personality traits; text, special problems and assignments, demonstrations, and lectures.

Prerequisite: Psychology 11.

3 hours a week, 1 semester, 3 points.

Psychology 22. Child Psychology.

A study of mental development in childhood and adolescence; application to educational problems; a specified amount of observation in the nursery school included.

Prerequisite: Psychology 11.

3 hours a week, 1 semester, 3 points.

Psychology 24. Applied Psychology.

A study of the application of psychology to various problems of human efficiency; problems of personal efficiency, vocational guidance and selection, the human factor in industry, the psychology of advertising and selling, the applications of psychology in athletics, law, medicine, and other vocations are considered.

Prerequisite: Psychology 11.

3 hours a week, 1 semester, 3 points.

Psychology 26. Habit Formation in the Pre-school Years.

A study of the development of the pre-school child with application to the building of desirable habits in a child's everyday living, including eating, sleeping, toileting, and play; consideration of behavior problems and methods of guidance.

Time will be arranged for participation in the nursery school.

Prerequisite: Psychology 11; Psychology 22 prerequisite or taken concurrently.

2 hours a week and laboratory periods, 1 semester, 2 points.

Psychology 27. Educational Activities for Young Children.

A study of literature and story-telling, music activities, and play activities suitable for the pre-school child; specific methods of directing and the activities to be directed in the nursery school; observation and practice teaching in the nursery school required.

Prerequisite: Psychology 11; Psychology 22 prerequisite or taken concurrently.

2 hours a week and laboratory periods, 1 semester, 2 points.

For tests and measurements, see Education 25.

RELIGION

REV. JOSEPH P. WIEST, M.A.

REV. CHARLES E. DIVINEY, M.A.

REV. WILLIAM T. DILLON, S.J.

The purpose of the various courses in Religion can be summed up in the words of Cardinal Newman that he wished the enlightened Catholic pious, and the pious Catholic enlightened. This is

brought about through the varied field of religious subjects that are part of the curriculum as well as the practice of these teachings made manifest by means of a Student Committee on Religion with Faculty advisement. This grouping of religious subjects we hold to be an essential part of each student's education for a complete moral, physical and spiritual training and unless this foundation-stone of religion is present the course must be considered as totally inadequate. Apologetics, Church History, and Sacred Scripture afford the student ample opportunity to form that religious character so necessary to profess a strong Faith with an earnest conviction and to practice it without any deviation from the path set by Our Lord and Saviour Jesus Christ.

Apologetics 1. Introductory.

Religion; divisions, natural vs. supernatural; revelation, nature, phases; scripture; inspiration; Old Testament history; Pentateuch; faith and reason; faith and science; mysteries; Bible and science, astronomy, geology, biology, paleontology, archæology.

1 hour a week, 1 semester, 1 point.

Apologetics 2. Divinity of the Christian Mission.

New Testament; gospels, authenticity, integrity, veracity established by Canon, intrinsic evidence, tradition and reason; miracles and prophecy, nature and probative value; divinity of Christian mission established; divinity of Christ.

1 hour a week, 1 semester, 1 point.

Apologetics 3. The Church of Christ.

Problem of Faith in the Church; the Church as an actual and historical fact; constitution, activities, development; comparison with other Christian churches; characteristics which show her to be a divine institution; confirmation from study of the origins; Primacy; authority, infallibility; relations with civilization, science, the State.

1 hour a week, 1 semester, 1 point.

Apologetics 4. Special Apologetics.

General aspects of the problem of objections drawn from the history of the Church; Catholic intolerance; the Inquisition;

Galileo, Savonarola, Bruno, Erasmus, Beatrice Cenci, Bismarck; religious wars, Edict of Nantes, St. Bartholomew's Eve; temporal power and temporal sovereignty of the Popes.
1 hour a week, 1 semester, 1 point.

Church History 1. Development of the Church up to the Fourteenth Century.

Nature and scope of Church History; method; sources; divisions; foundation of the Church; the Church and paganism; beneficent results of alliance of Church and State; menace of imperial vassalage and Byzantinism; Crusades and their influence on the prestige of the Church.

1 hour a week, 1 semester, 1 point.

Church History 2. The Church in Modern Times.

Usurpation of Church rights by the State; Protestantism; rationalism and the Catholic Church; Popes of the nineteenth and twentieth centuries; propagation of Christianity; the Catholic Church in the United States.

1 hour a week, 1 semester, 1 point.

Scripture 1. Canonics.

Evolution of the Old Testament Canon; history of the New Testament; Apocrypha; Inspiration, described and differentiated, nature and extent, history of the doctrine; decrees of Biblical Commission; Pentateuch as inspiration; a study of typical historical, prophetic and moral works of the Old Testament.

1 hour a week, 1 semester, 1 point.

Scripture 2. Textual History and Appreciation.

Ancient texts; versions, Latin, Greek, old, middle and modern English; orthodox and heterodox; Biblical criticism; reading of the Gospels, the Epistles and the Apocalypse with emphasis upon background, meaning and inspirational profit.

1 hour a week, 1 semester, 1 point.

Scripture 3. Hermeneutics.

Principles of interpretation and general rules of construction; history of Biblical interpretation among (a) the Jews, (b) Early Christians, (c) Heretics; exegesis of typical works of Old and New Testaments.

Elective.

1 hour a week, 1 semester, 1 point.

SCIENCE

SISTER M. CARMELA, M.A.

SISTER FRANCIS ANTONIA, M.A.

SISTER MAUREEN, M.A.

ERNEST THEROUX, M.A.

ROSEMARY KENNELLY, M.A.

One year of science is required of every student. Election may be made of biology, chemistry or physics. The object of these courses is to give a general, theoretical, practical, cultural, scientific knowledge of the subject. A major requires twenty-four points above Freshman grade in the science elected. Individual programs are planned to meet the special needs of the student.

BIOLOGY**Biology 1. General Biology.**

Basic principles of biology and general physiology of organisms; protoplasm, the cell, unicellular organisms, plants and animals in relation to each other and to the inorganic world.

3 lectures, 3 hours laboratory a week, 4 points.

Biology 2. General Biology.

Structure and adaptations of some of the more important groups of animals and plants with study of types in the laboratory; heredity and evolution; distribution of plants and animals.

3 lectures, 3 hours laboratory a week, 4 points.

Biology 11. Bacteriology.

Practice in general laboratory methods, preparation of cultures, disinfection and sterilization, air, water, milk; soil and the nitrogen cycle; micro-organisms and disease; identification of unknown organisms, problem work.

2 lectures, 6 hours laboratory a week, 4 points.

Prerequisite, Biology 1 and 2.

Biology 21. Botany.

Plant organs; manufacture and utilization of foods; types from the four phyla of plants; floral types and the classification of angiosperms; seeds and fruits; inheritance and variation; evolution; geographic distribution of plants in North America; economic significance of plants.

2 lectures, 6 hours laboratory a week, 4 points.

Prerequisite, Biology 1 and 2.

Biology 31. Biology of Invertebrates.

Characteristics, habits, life history, relation to environment and economic importance of invertebrate animals.

2 lectures, 6 hours laboratory a week, 4 points.

Prerequisite, Biology 1 and 2.

Biology 32. Biology of Vertebrates.

Phylum Chordata; study of dogfish, perch, frog, turtle, pigeon and rabbit.

2 lectures, 6 hours laboratory a week, 4 points.

Prerequisite, Biology 1 and 2.

Biology 41. Human Anatomy and Physiology.

A study of human anatomy and physiology; circulation; respiration; the nervous system; digestion, absorption, metabolism; excretion; endocrine system; reproduction.

2 lectures, 2 hours laboratory a week, 3 points.

Prerequisite, Biology 1 and 2.

Biology 61. Cytology.

Nucleus and cytoplasm; mitosis and meiosis; syngamy, early development and parthenogenesis; the sex chromosomes; heredity and morphogenesis.

2 lectures, 3 hours laboratory a week, 3 points.

Prerequisite, Biology 1 and 2.

Biology 71. Genetics.

An introduction to the study of heredity and variation; germ cells, heredity and environment, inheritance of acquired characteristics, determination of sex, laws of heredity, human inheritance.

2 lectures, 3 hours laboratory a week, 3 points.

Prerequisite, Biology 1 and 2.

Biology 81. Embryology.

The cell and its function in reproduction; fertilization and early stages in development; the early development of amphioxus; ontogeny of the frog and chick; the mammal and its embryonic appendages.

2 lectures, 6 hours laboratory a week, 4 points.

Prerequisite, Biology 31 and 32.

Biology 91. Histology and Histological Methods.

Practice in the various operations incidental to the preparation of microscopic mounts of both plants and animals.

Prerequisite: Biology 1 and 2.

1 lecture, 6 hours laboratory a week, 3 points.

CHEMISTRY

Chemistry 1. General.

Matter: chemical change; combining proportions; atomic theory, atomic weights, atomic structure; symbols; formulæ, equations; oxygen; measurement of gases; kinetic-molecular hypothesis; hydrogen; valence; water; molecular weights, their applications; solution; hydrogen chloride; sodium hydroxide; chlorine; energy and chemical change; chemical equilibrium; electrolytes; ionization; ionic equilibria.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Chemistry 2. General.

Halogen family; oxidizing substances; sulphur and its compounds; periodic system; radium; atomic energy, atomic structure; nitrogen and its compounds; phosphorus; carbon

and its compounds; application to plant life, growth, products and to animal life, products; foods; metallic elements; electro motive chemistry.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Chemistry 10. Qualitative.

Fundamental principles; solution; ionization; molecular equilibrium; ionic equilibrium; solubility product; amphoteric hydroxides; salt hydrolysis; complex ions and ammonia equilibria; oxidation and reduction; colloidal suspensions; complete cation analysis.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 11. Qualitative.

Fundamental principles; continuation of Chemistry 10; separation of anions into groups, complete analysis of solutions; complete analysis of solids.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 12. Qualitative.

A shorter course based on the topics of Chemistry 10, 11.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 20. Quantitative.

Precision; weighing, volumetric measurements; acidimetry; alkalinity; indicators; standard acids and alkalies; solubility product; absorption; hydrogen ion concentration; gravimetric and volumetric determinations; indirect determinations; analyses involving silicon, sulphur and phosphorous; analyses for lime and magnesia.

1 hour, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 21. Quantitative.

Determinations of zinc; organic precipitants; oxidation-reduction; standard potassium permanganate solution; determinations of iron; analyses for iron; determinations of manganese; iodimetric methods; electrolytic determinations; evolution and measurements of gases; systematic analysis; analysis of alloys.

1 hour, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 22. Quantitative.

A shorter course including a briefer treatment of the topics included in Chemistry 20, 21.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Chemistry 30. Organic.

Fundamental principles of organic derivatives; derivatives from ethyl alcohol; methods of purification and analysis; determination of molecular weight; hydrocarbons; halogen compounds; alcohols; ethers; aldehydes and ketones; simple monocarboxylic acids and their derivatives; simple dicarboxylic acids and their derivatives; esters; amines; nitroparaffins; organic compounds of sulphur; cyanogen compounds; alkyl derivatives of metals and non-metals; hydroxy acids; aldehydic and ketonic acids; maleic and fumaric acids; carbohydrates; amino acids; uric acid and purines.

3 hours, 6 hours laboratory a week, 1 semester, 6 points.

Chemistry 31. Organic.

Aromatic compounds; benzene and its homologues; halogen derivatives; derivatives of sulphur; hydroxy derivatives of benzene and toluene; nitro compounds; amino compounds and derivatives; compounds containing nitrogen atoms directly united; aldehydes and ketones, carboxylic acids; condensed benzenoid systems; mechanism of substitution; chief classes of dyestuffs; alicyclic and heterocyclic compounds.

3 hours, 6 hours laboratory a week, 1 semester, 6 points.

PHYSICS

Physics 1. General: Mechanics, Heat.

Mechanics and properties of matter: force, measurements, liquids, gases, uniformly accelerated motion, effects of force on motion, work and energy, simple machines, friction, vibratory motion, rotary motion, gravitation, fluids in motion, molecular and atomic theory, special properties of matter due to molecular forces, and elasticity.

Heat: temperature and its measurement, expansion, quantity of heat, work and heat, the transfer of heat, change of state, meteorology, heat engines, and principles of thermodynamics.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Physics 2. General: Sound, Electricity, Light.

Wave motion and sound, magnetism and electricity: magnetism, electrostatics, properties of currents, potential difference, work and power in circuits, heating effects, Joule's law, resistance, Ohm's law, conduction through electrolytes, magnetic fields of currents, mechanical force on conductors in magnetic field, induced electromotive force, magnetization of iron, potential of charged conductors, capacity of condensers, electrical units, conduction through gases, radioactivity, high frequency oscillations and electrical waves.

Light: propagation and photometry, reflection, refraction, lenses, optical instruments, spectra and color, interference and diffraction, and polarization of light.

3 hours, 3 hours laboratory a week, 1 semester, 4 points.

Physics 10. Heat.

Temperature and thermometry, making and calibrating thermometers, expansion of solids, expansion of liquids, elasticity and thermal expansion of gases, calorimetry, specific heats of solids and liquids, heat equivalent of fusion and vaporization, critical states and transformation points, continuity of state, properties of vapors, mechanical laws applied in heat, first law of thermodynamics, the kinetic theory of gases, Van der Waals' theory, adiabatic transformation, Carnot's cycle, the second law of thermodynamics, applications of Carnot's theorem, internal work and the cooling of gases on free expansion, electrical measurements in heat, convection and conduction of heat, and radiation of heat.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Physics 20. Magnetism and Electricity.

Natural and artificial magnets; velocity, force, work, energy, and potential; the law of inverse squares, unit pole and field intensity; magnetic induction and fields of magnetic force;

moments of magnets; terrestrial magnetism; static electricity; electric fields; electrostatic induction; capacity, condensers, specific inductive capacity; electrometers; electric machines; atmospheric electricity; voltaic cells; magnetic fields due to currents; galvanoscopes, galvanometers, electric dynamometers; resistance; electrical measurements; thermal effects of electric currents, electric energy and power, efficiency; thermo-electricity; magnetization of iron; electro-magnetic induction; alternating current; chemical effects of electric currents; theory of the voltaic cell, polarization, storage cells; discharge of electricity through gases; electromagnetic theory; electric oscillations, radio broadcast.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Physics 30. Light.

Fundamental properties of light; applications of the laws of reflection; applications of the laws of refraction; dispersion and chromatic aberration; optical constants of mirrors and lenses; spherical aberration and other phenomena; refraction of axial pencils by thick lenses; the human eye; vision through a lens; optical instruments and appliances, such as the interferometer, the sextant, microscopes, telescopes, and binoculars; velocity of light; vibrations and waves; the wave theory of light; the spectrum and its uses; radiation, absorption, and dispersion; interference; diffraction; polarization and double refraction; theories of reflection and refraction; colors of crystalline plates; the photoelectric cell and television.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

Physics 40. Mechanics and Sound.

General and special properties of matter; molecular forces; elasticity; motion of particles; various types of waves in different materials; modern wave mechanics; nature of sound wave; media of transmission of sound; reflection and refraction of sound; interference; laws of strings, plates and diaphragms, rods and plates; resonance; harmonics; audio frequencies in radio; the acoustics of buildings and other applications of the principles studied.

2 hours, 6 hours laboratory a week, 1 semester, 4 points.

SCHOLARSHIPS

Through the generosity of friends and patrons a number of scholarships are offered to deserving students. Unless special conditions are named by the founders, the only requirement governing the awarding of scholarships is, that the student shall be one who in scholarly ability will reflect credit upon the college.

It is understood that no one is eligible to a scholarship who has not satisfied the entrance requirements of the College.

The college reserves the right, however, to declare forfeited the scholarship of any student who fails to maintain membership in her official class of entrance.

The sum of \$4,000 is necessary to found a full perpetual scholarship, and \$800 for a four-year scholarship. To increase their efficiency in the work of collegiate education, the Sisters of Saint Joseph earnestly solicit such foundations.

PERPETUAL SCHOLARSHIPS

The Bishop McDonnell Memorial, founded by the Most Reverend Thomas E. Molloy, D.D.

The Walters' Memorial, founded by Mr. John Walters.

The Saint Joseph's College Alumnæ.

The Brooklyn Circle, International Federation of Catholic Alumnæ.

The Block Memorial, founded by Mr. and Mrs. Gaston Block.

The Catherine Bradley-Murray Memorial, founded by Thomas E. and Joseph Murray.

The Sisters of Saint Joseph founded a Perpetual Scholarship.

The Mother Mary Louis Perpetual Scholarship, founded by the Very Reverend William T. McGuirl, LL.D.

The Catherine Curtin Memorial, founded by the Hon. John J. Curtin, LL.D.

The Knapp Memorial, founded by Mrs. M. Knapp.

The Saint Brigid's Parish Scholarship, founded by the Right Reverend Monsignor John B. C. York.

FORM OF BEQUEST

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think most useful.

I give and bequeath to Saint Joseph's College for Women, a corporation established by law, at Brooklyn, in the County of Kings, and State of New York, the sum of dollars, to be safely invested by it, and called the Scholarship Fund. The interest of this fund shall be applied to the aid of deserving students in Saint Joseph's College for Women.

Address all communications to the Registrar, Saint Joseph's College for Women, 245 Clinton Avenue, Brooklyn, N. Y.

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